

Indiana Maternal and Child Health Outcomes and Performance Measures Data Book

State and Selected County Data 1996-2005

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Glossary of Terms

Preface

The Indiana Maternal and Child Health Outcomes and Performance Measures Data Book, 1996-2005, provides a summary of data relating to pregnancy, birth, and mortality in Indiana and selected counties for the years 1996-2005.

Information for this report was obtained from birth and death certificates filed with the Indiana State Department of Health (ISDH) and from transcripts of original certificates for Indiana residents giving birth or dying in other states. The ISDH Data Analysis Team, Public Health System Development and Data Commission (PHSDD), compiled these data to produce this report.

Some of the data from 1996-1997 have been updated due to revisions to population estimates by the U.S. Census Bureau. Also, slight changes have been made to all of the prenatal care data in this report due to recalculation and standardization. Ethnicity data were added in the graphs and tables at the end of the report.

Mortality rates for 2001 were calculated using the 2000 U.S. Census Bureau's population data, because the 2001 population estimates had not been released at the time of publication of the *2001 Indiana Mortality Report*.

Indiana currently uses the 1977 Office of Management and Budget (OMB) standards for collecting data on race and ethnicity. These standards are in use by all states that have not yet revised their birth certificates to meet the 1997 OMB standards for collecting race and ethnicity information. The 1977 standards are also the standards used by the National Vital Statistics System for national reporting. The relationship between these two OMB standards and the terms used to report race and ethnicity in this report are as follows:

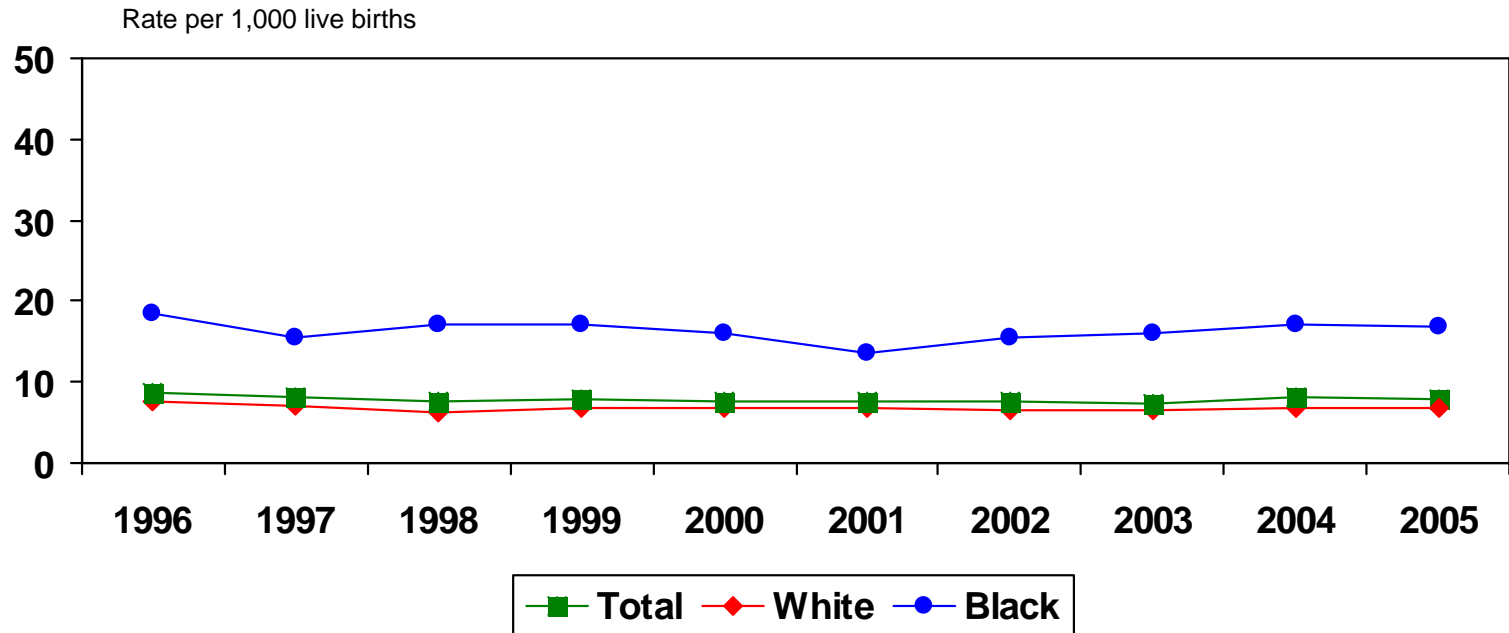
Race		
<u>1997 OMB standards</u>	<u>1977 OMB standards</u>	<u>This Report</u>
American Indian or Alaska Native	American Indian or Alaska Native	Included in Other
Asian	Asian or Pacific Islander	Included in Other
Black or African American	Black	Black
Native Hawaiian or Other Pacific Islander	Asian or Pacific Islander	Included in Other
White	White	White

Ethnicity		
<u>1997 OMB standards</u>	<u>1977 OMB standards</u>	<u>This Report</u>
Hispanic or Latino	Hispanic	Hispanic
not Hispanic or Latino	non-Hispanic	non-Hispanic

Most tables in this report will print on one page (8.5" x 11") if margins are set to 0.25" in all dimensions and the tables are viewed at the smallest font size.

Infant Mortality Rates by Race

Indiana Residents, 1996-2005

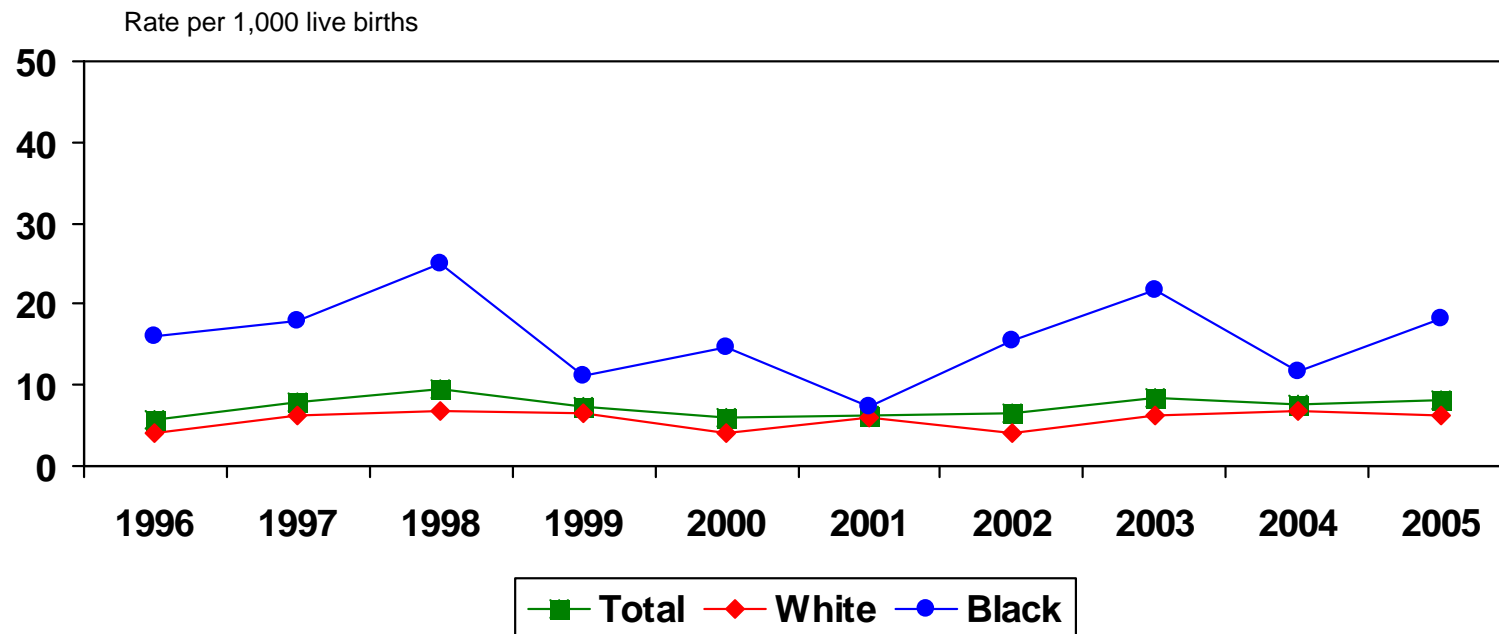


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	8.7	8.1	7.5	7.8	7.7	7.6	7.6	7.4	8.1	8.0
White	7.5	7.2	6.3	6.8	6.7	6.8	6.5	6.4	6.9	6.9
Black	18.4	15.6	17.1	17.0	15.9	13.6	15.6	15.9	17.1	16.9

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Infant Mortality Rates by Race

Allen County Residents, 1996-2005



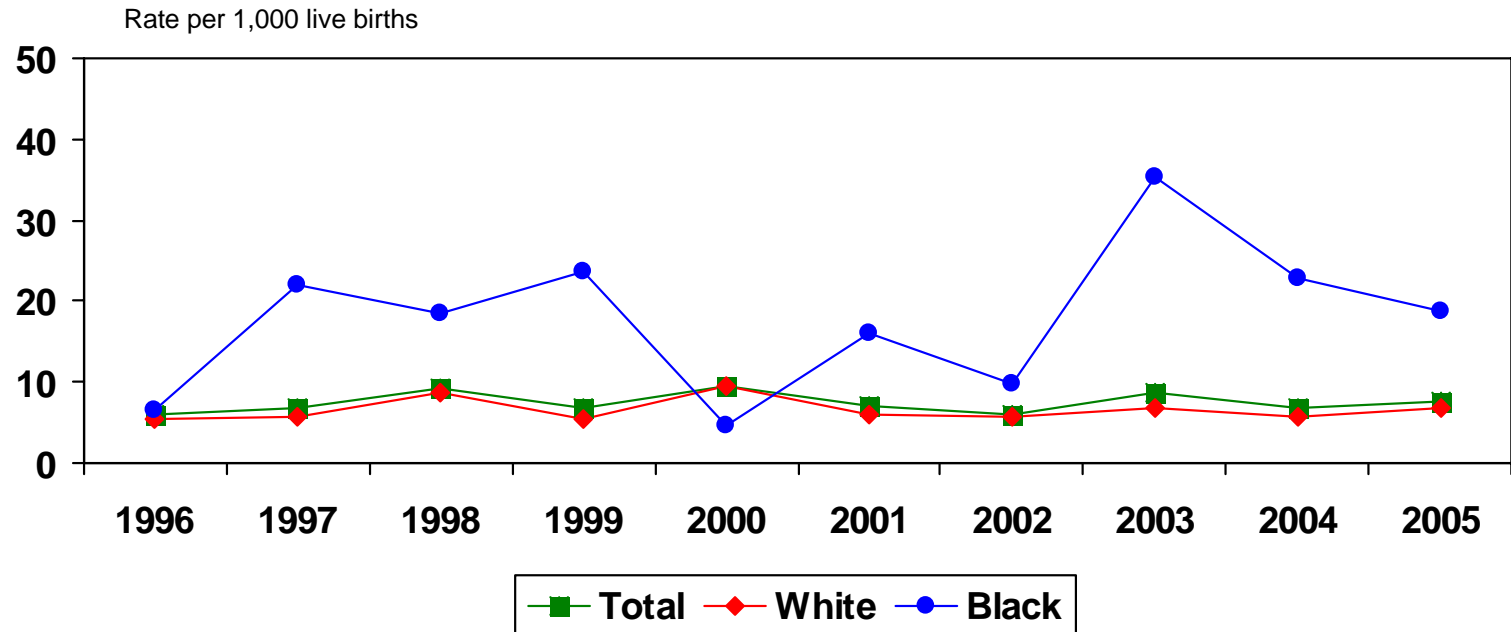
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	5.6	8.0	9.5	7.3	6.1	6.3	6.6	8.4	7.7	8.1
White	4.0*	6.3	6.7	6.6	4.2*	6.1	4.2*	6.2	6.8	6.2
Black	16.0*	17.9*	25.1*	11.1*	14.8*	7.4*	15.6*	21.8*	11.7*	18.1*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Infant Mortality Rates by Race

Elkhart County Residents, 1996-2005



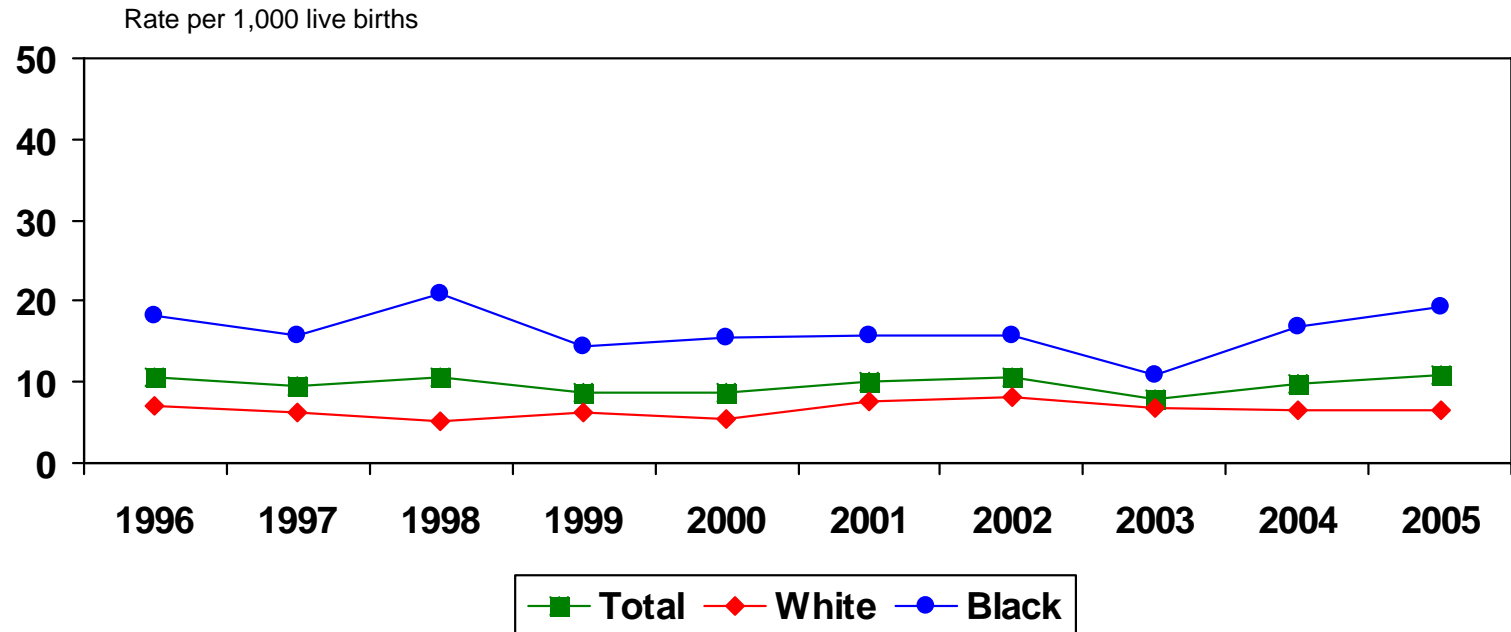
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	5.9*	6.9	9.3	6.7	9.4	7.0	6.0*	8.8	6.8	7.5
White	5.5*	5.6*	8.8	5.5*	9.5	5.9*	5.8*	6.8	5.7*	6.8
Black	6.5*	22.0*	18.5*	23.7*	4.7*	16.1*	9.9*	35.4*	22.9*	18.7*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Infant Mortality Rates by Race

Lake County Residents, 1996-2005

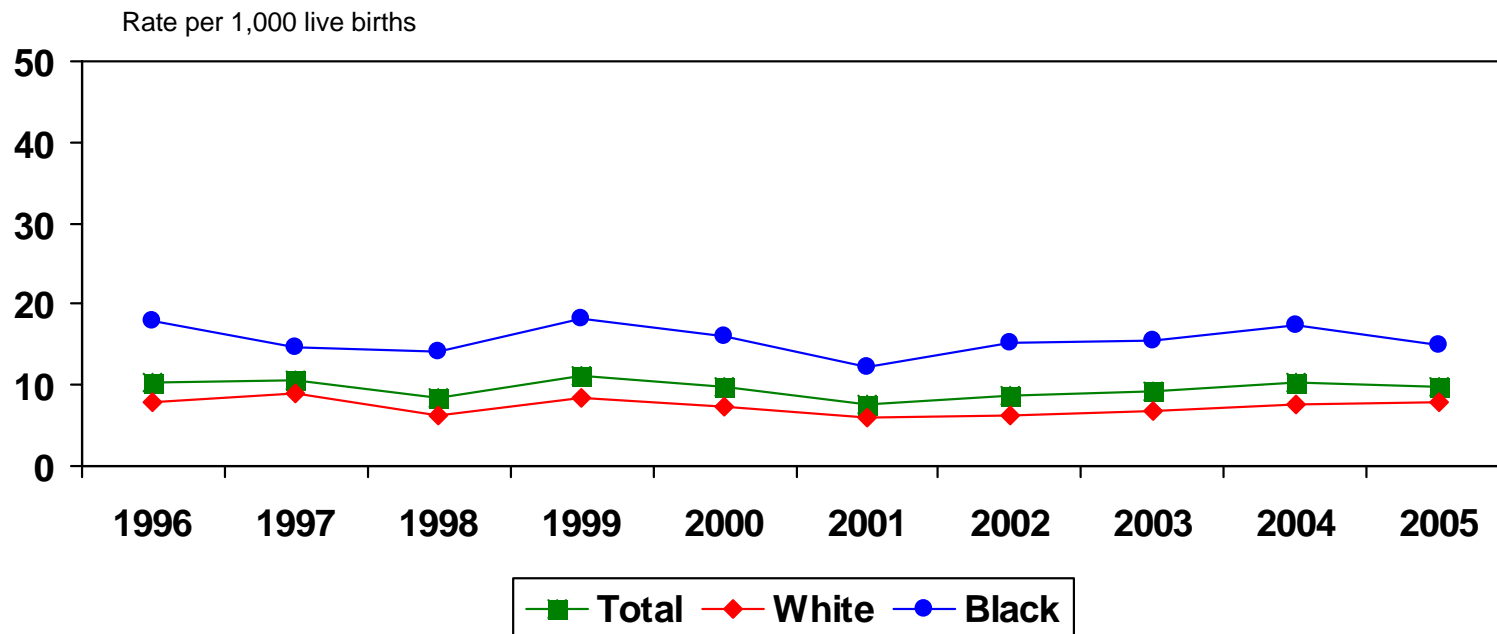


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	10.5	9.4	10.7	8.8	8.7	10.1	10.6	7.9	9.9	10.8
White	7.1	6.2	5.1	6.2	5.5	7.6	8.1	6.7	6.6	6.6
Black	18.3	15.7	20.9	14.4	15.5	15.7	15.7	10.9	16.9	19.3

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Infant Mortality Rates by Race

Marion County Residents, 1996-2005

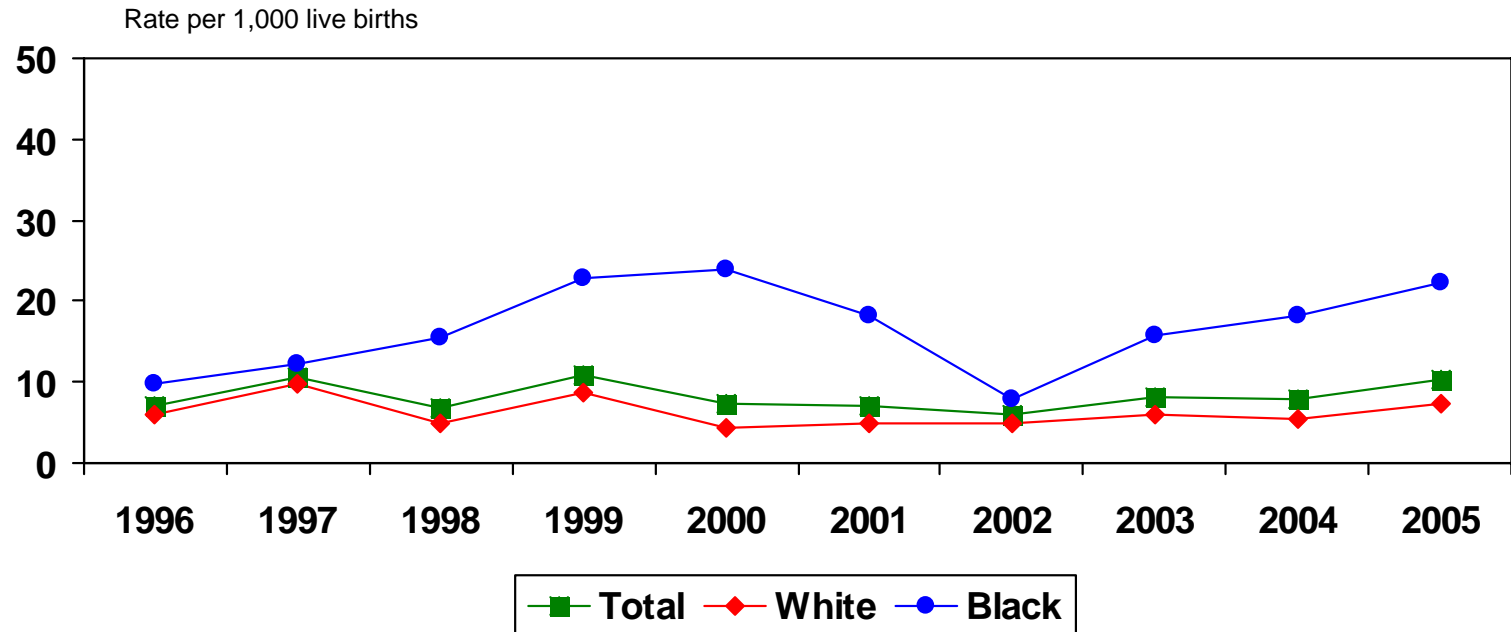


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	10.3	10.6	8.3	11.1	9.9	7.7	8.6	9.2	10.2	9.9
White	7.8	9.1	6.2	8.4	7.4	5.9	6.2	6.7	7.5	7.8
Black	17.9	14.7	14.1	18.2	15.9	12.3	15.3	15.4	17.3	15.0

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Infant Mortality Rates by Race

St. Joseph County Residents, 1996-2005



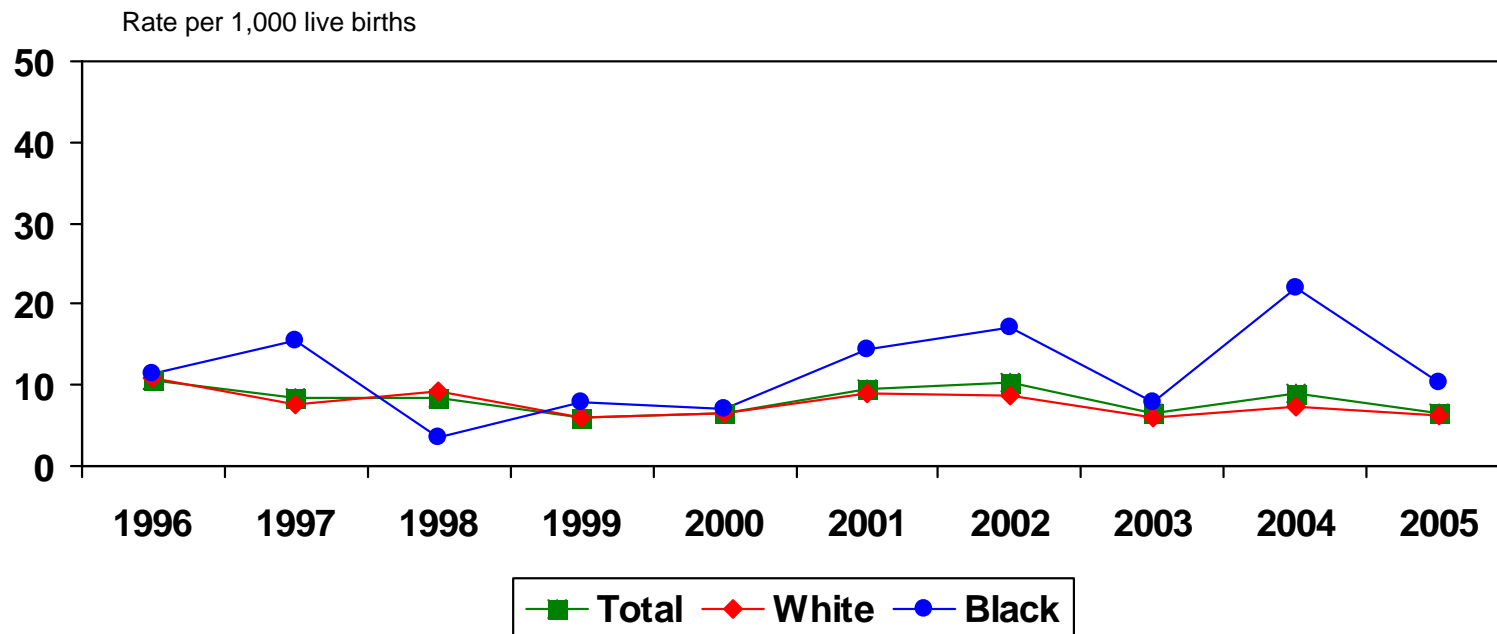
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	7.1	10.6	6.8	10.8	7.3	7.0	6.1	8.1	7.8	10.2
White	6.1*	9.9	4.9*	8.8	4.3*	4.8*	5.0*	6.1*	5.5*	7.4
Black	9.9*	12.3*	15.5*	22.7*	23.8*	18.1*	7.9*	15.7*	18.3*	22.3*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Infant Mortality Rates by Race

Vanderburgh County Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	10.7	8.3*	8.4*	6.1*	6.4*	9.6	10.4	6.4*	8.9	6.5*
White	10.8	7.5*	9.2*	6.0*	6.5*	9.1*	8.6*	5.9*	7.4*	6.2*
Black	11.5*	15.4*	3.6*	7.8*	7.0*	14.3*	17.2*	8.0*	22.1*	10.2*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

**Infant Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1996-2005**

	1996		1997		1998		1999		2000		2001		2002		2003		2004		2005	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
INDIANA	724	8.7	675	8.1	641	7.5	671	7.8	676	7.7	652	7.6	649	7.6	641	7.4	702	8.1	699	8.0
White	550	7.5	526	7.2	468	6.3	506	6.8	511	6.7	514	6.8	479	6.5	479	6.4	522	6.9	519	6.9
Black	161	18.4	136	15.6	158	17.1	157	17.0	150	15.9	130	13.6	144	15.6	148	15.9	164	17.1	166	16.9
Ratio		2.5		2.2		2.7		2.5		2.4		2.0		2.4		2.5		2.5		2.4
ALL RACES	312	9.0	330	8.7	314	8.9	334	9.4	313	8.0	286	8.0	296	8.1	307	8.1	334	8.6	343	8.8
Allen	27	5.6	40	8.0	48	9.5	37	7.3	32	6.1	34	6.3	34	6.6	44	8.4	41	7.7	43	8.1
Elkhart	16	5.9	20	6.9	28	9.3	21	6.7	31	9.4	22	7.0	18	6.0	28	8.8	22	6.8	26	7.5
Lake	75	10.5	65	9.4	76	10.7	62	8.8	61	8.7	70	10.1	72	10.6	55	7.9	69	9.9	74	10.8
Marion	143	10.3	147	10.6	116	8.3	158	11.1	145	9.9	111	7.7	125	8.6	135	9.2	151	10.2	145	9.9
St. Joseph	27	7.1	40	10.6	27	6.8	42	10.8	29	7.3	27	7.0	23	6.1	30	8.1	30	7.8	39	10.2
Vanderburgh	24	10.7	18	8.3	19	8.4	14	6.1	15	6.4	22	9.6	24	10.4	15	6.4	21	8.9	16	6.5
WHITE	182	6.9	206	7.8	171	6.4	197	7.3	176	6.2	171	6.6	166	6.3	177	6.4	188	6.6	194	6.8
Allen	16	4.0	26	6.3	28	6.7	28	6.6	18	4.2	27	6.1	18	4.2	27	6.2	30	6.8	27	6.2
Elkhart	14	5.5	15	5.6	24	8.8	16	5.5	29	9.5	17	5.9	16	5.8	20	6.8	17	5.7	22	6.8
Lake	34	7.1	29	6.2	24	5.1	29	6.2	26	5.5	35	7.6	37	8.1	31	6.7	31	6.6	30	6.6
Marion	78	7.8	91	9.1	61	6.2	84	8.4	76	7.4	59	5.9	63	6.2	69	6.7	78	7.5	79	7.8
St. Joseph	19	6.1	31	9.9	16	4.9	28	8.8	14	4.3	15	4.8	15	5.0	18	6.1	17	5.5	23	7.4
Vanderburgh	21	10.8	14	7.5	18	9.2	12	6.0	13	6.5	18	9.1	17	8.6	12	5.9	15	7.4	13	6.2
BLACK	126	16.7	116	15.3	136	17.0	133	16.6	128	13.6	110	14.0	118	13.6	121	17.9	140	18.2	142	17.3
Allen	11	16.0	14	17.9	19	25.1	8	11.1	11	14.8	6	7.4	11	15.6	16	21.8	9	11.7	14	18.1
Elkhart	1	6.5	4	22.0	4	18.5	5	23.7	1	4.7	3	16.1	2	9.9	7	35.4	5	22.9	4	18.7
Lake	41	18.3	34	15.7	49	20.9	33	14.4	35	15.5	35	15.7	34	15.7	24	10.9	37	16.9	43	19.3
Marion	64	17.9	53	14.7	53	14.1	71	18.2	64	15.9	50	12.3	61	15.3	62	15.4	71	17.3	62	15.0
St. Joseph	6	9.9	7	12.3	10	15.5	14	22.7	15	23.8	12	18.1	5	7.9	10	15.7	12	18.3	16	22.3
Vanderburgh	3	11.5	4	15.4	1	3.6	2	7.8	2	7.0	4	14.3	5	17.2	2	8.0	6	22.1	3	10.2
RATIO																				
Allen		4.0		2.8		3.7		1.7		3.6		1.2		3.7		3.5		1.7		2.9
Elkhart		1.2		3.9		2.1		4.3		0.5		2.7		1.7		5.2		4.0		2.8
Lake		2.6		2.5		4.1		2.3		2.8		2.1		1.9		1.6		2.6		2.9
Marion		2.3		1.6		2.3		2.2		2.1		2.1		2.5		2.3		2.3		1.9
St. Joseph		1.6		1.2		2.2		2.6		5.5		3.8		1.6		2.6		3.3		3.0
Vanderburgh		1.1		2.1		0.4		1.3		1.1		1.6		2.0		1.4		3.0		1.6

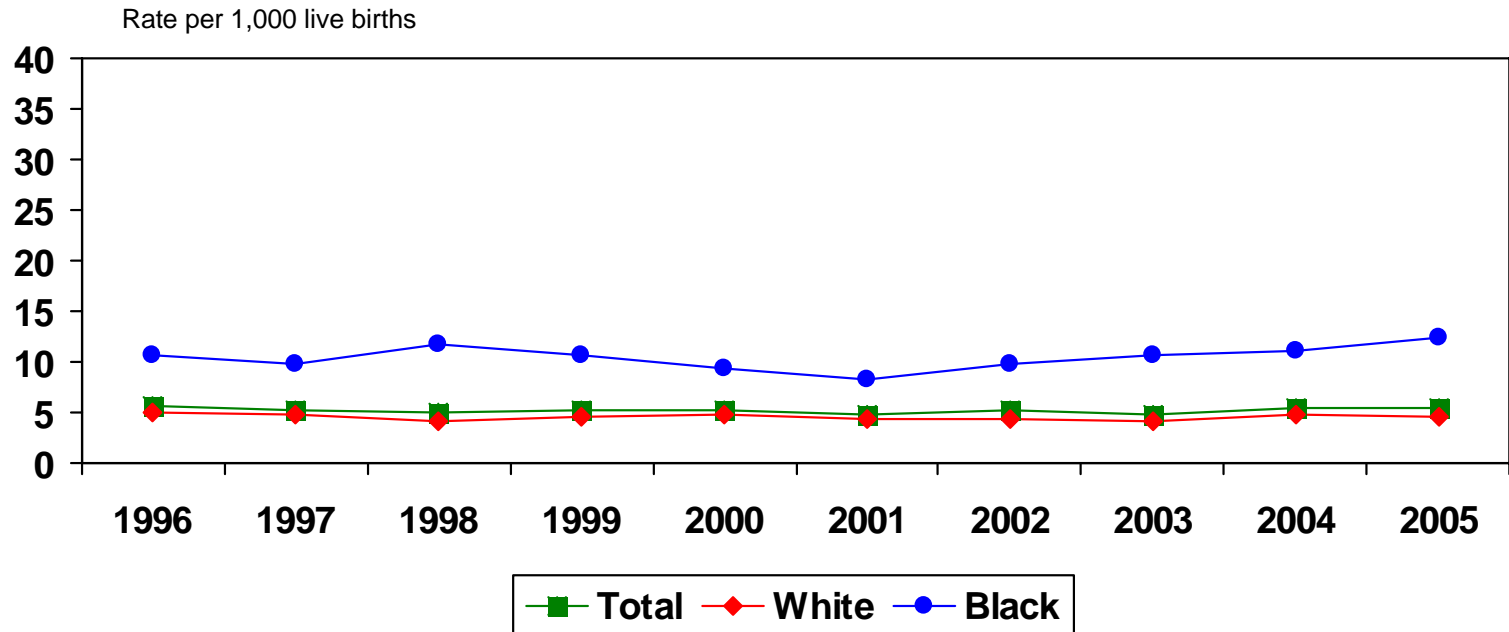
Rate per 1,000 live births.

Shaded area: Numerator is less than 20, and the rate is unstable. The ratio is unstable if the numerator or denominator is less than 20.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Neonatal Mortality Rates by Race

Indiana Residents, 1996-2005

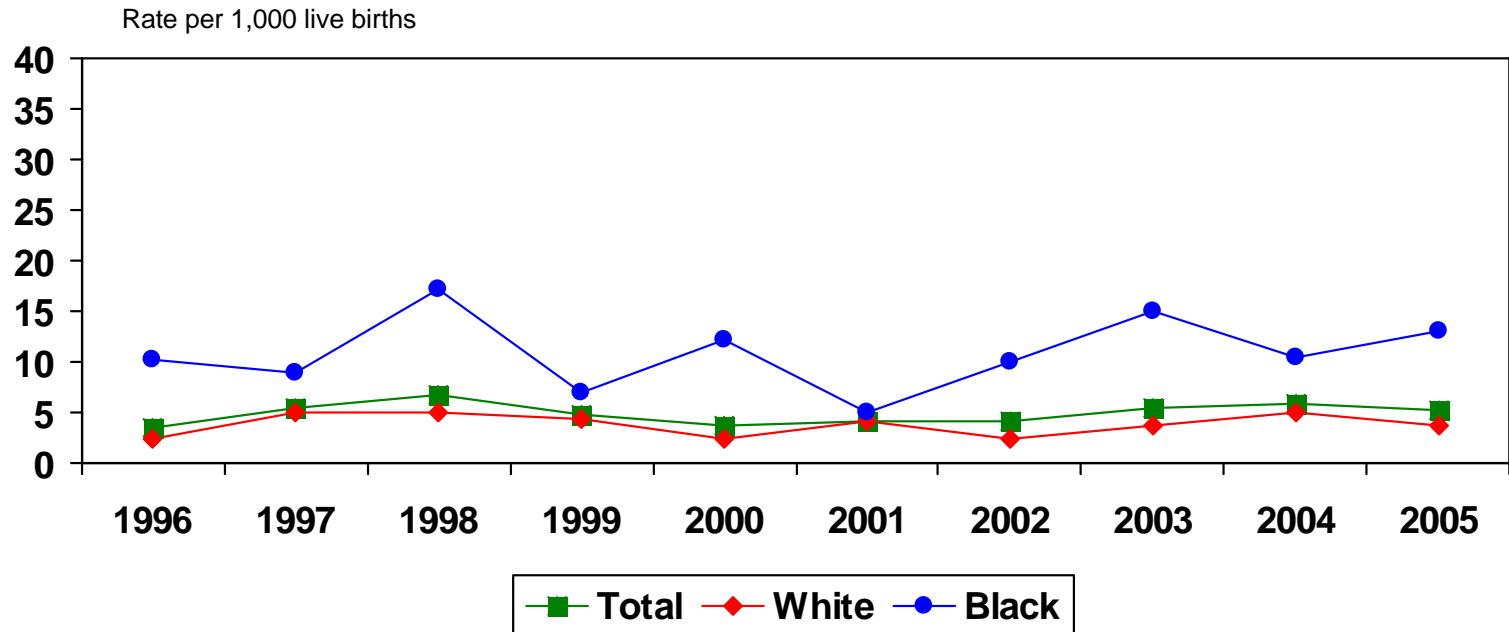


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	5.6	5.2	5.1	5.2	5.2	4.8	5.2	4.8	5.4	5.5
White	5.0	4.7	4.2	4.5	4.7	4.4	4.4	4.1	4.7	4.5
Black	10.7	9.7	11.8	10.7	9.3	8.3	9.8	10.6	11.0	12.5

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Neonatal Mortality Rates by Race

Allen County Residents, 1996-2005



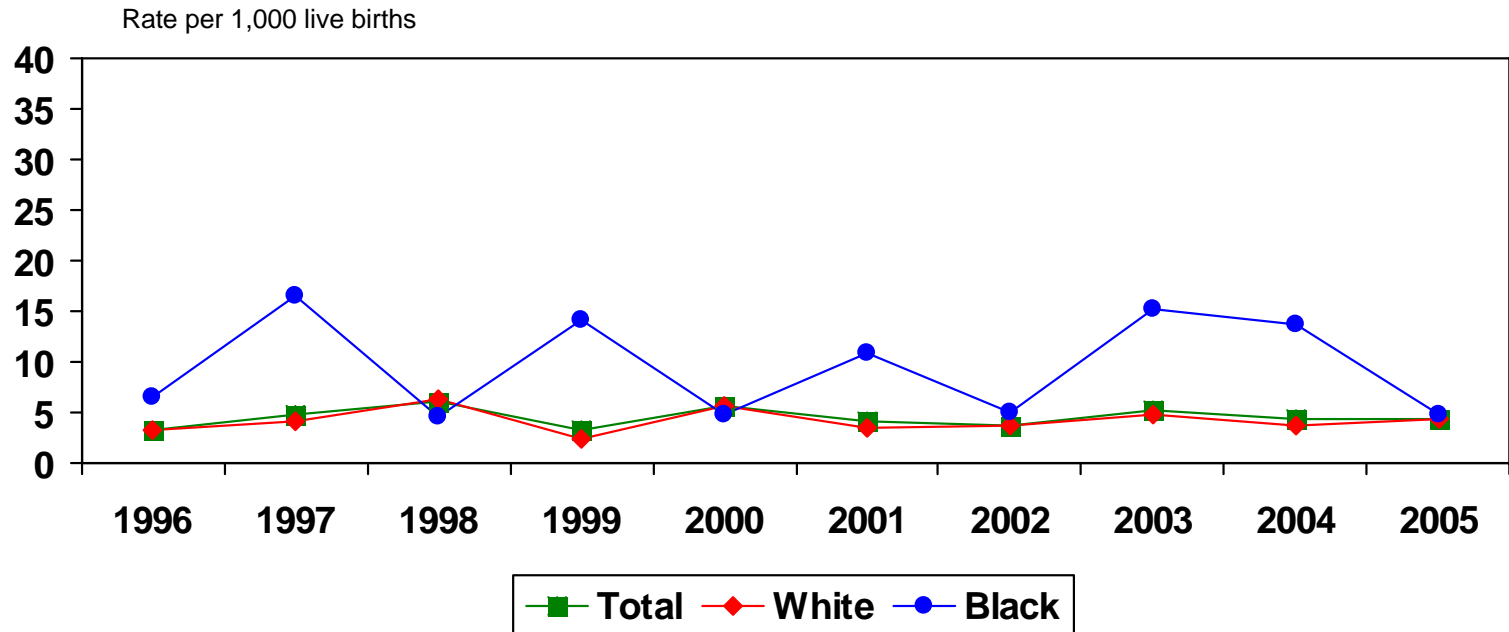
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	3.5*	5.4	6.7	4.7	3.8	4.1	4.1	5.4	5.8	5.3
White	2.5*	4.9	5.0	4.3*	2.3*	4.1*	2.3*	3.7*	5.0	3.7*
Black	10.2*	9.0*	17.2*	6.9*	12.1*	4.9*	9.9*	15.0*	10.4*	13.0*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Neonatal Mortality Rates by Race

Elkhart County Residents, 1996-2005



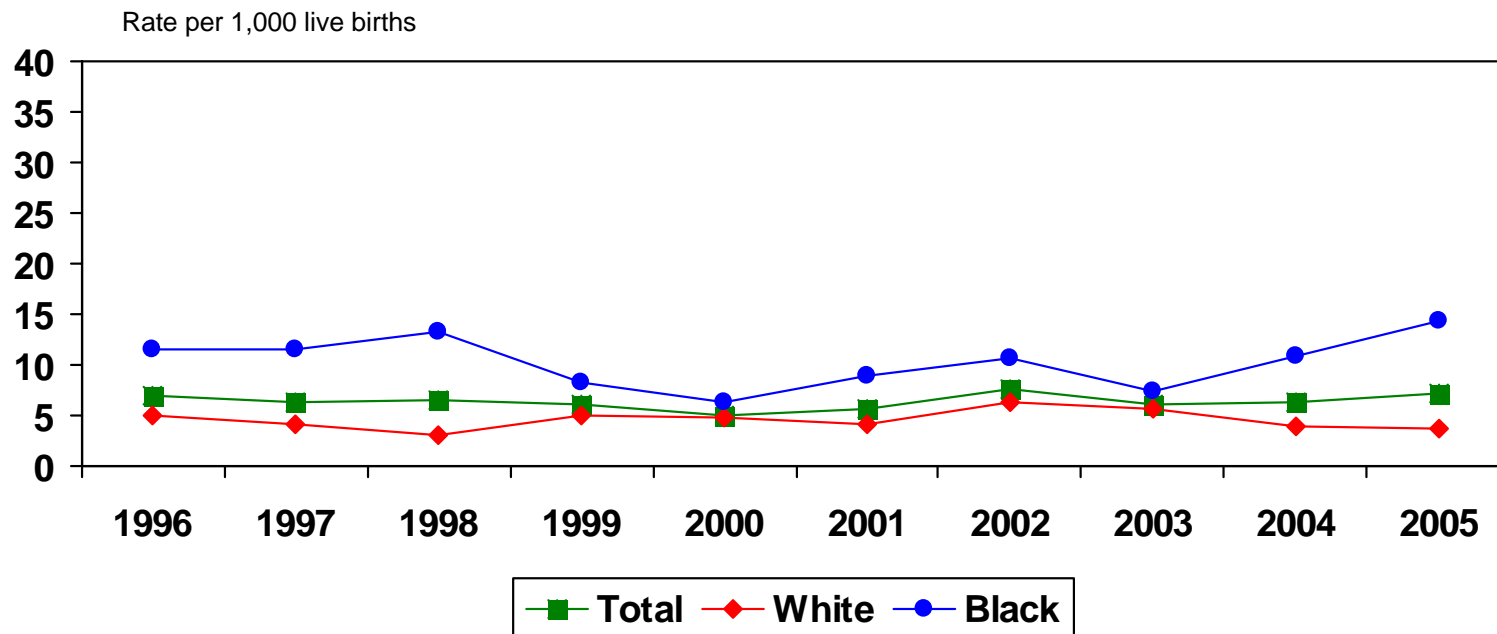
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	3.3*	4.8*	6.0*	3.2*	5.7*	4.2*	3.7*	5.3*	4.3*	4.3*
White	3.2*	4.1*	6.2*	2.4*	5.6*	3.5*	3.6*	4.7*	3.7*	4.3*
Black	6.5*	16.5*	4.6*	14.2*	4.7*	10.8*	5.0*	15.2*	13.8*	4.7*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Neonatal Mortality Rates by Race

Lake County Residents, 1996-2005



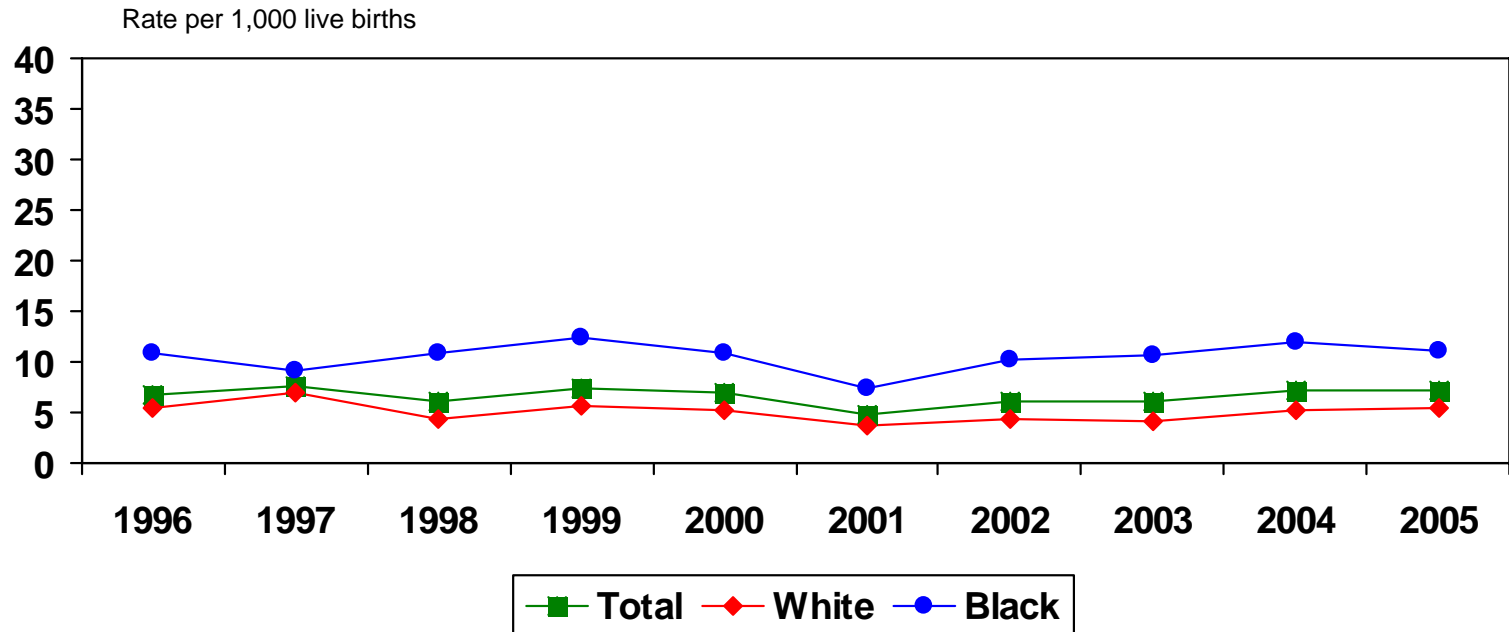
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	7.0	6.4	6.6	6.1	5.1	5.6	7.6	6.1	6.2	7.1
White	5.0	4.1*	3.0*	5.1	4.7	4.1*	6.4	5.6	3.9*	3.8*
Black	11.6	11.5	13.3	8.3*	6.2*	9.0	10.6	7.3*	10.9	14.3

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Neonatal Mortality Rates by Race

Marion County Residents, 1996-2005

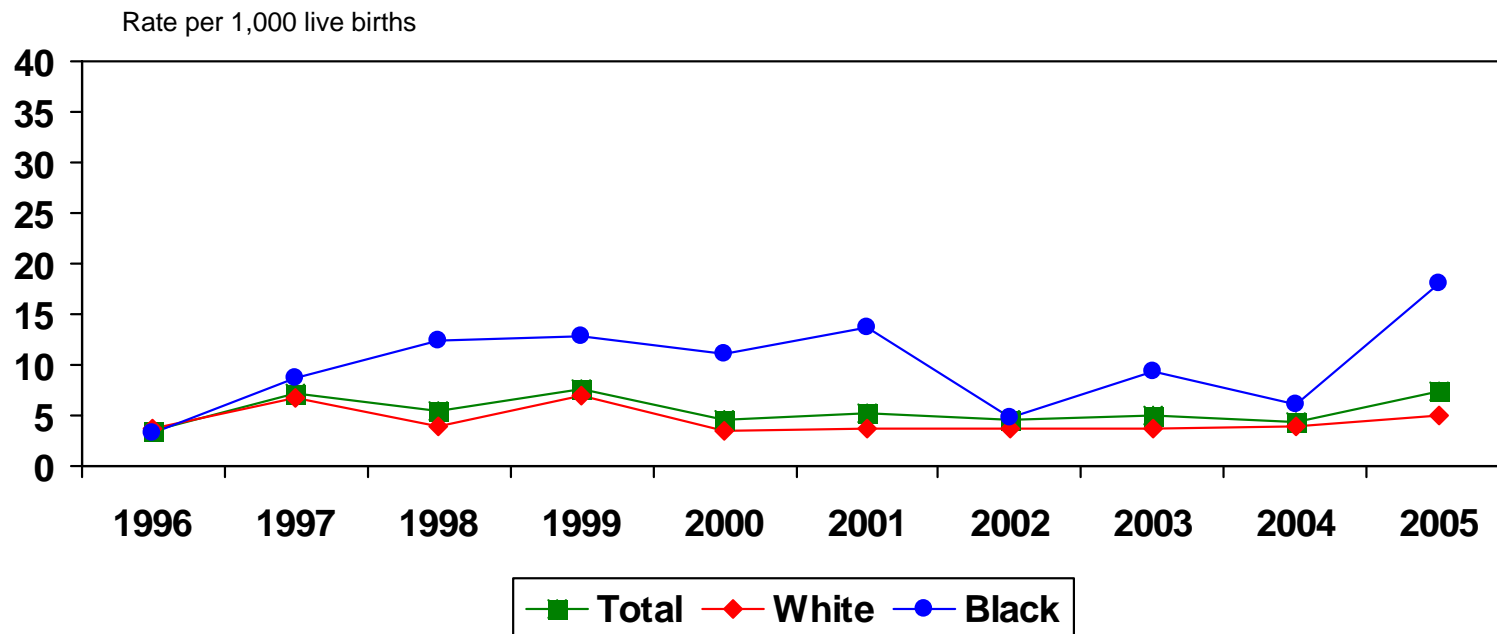


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	6.7	7.6	6.0	7.5	6.9	4.7	6.0	6.1	7.1	7.2
White	5.4	7.0	4.4	5.6	5.3	3.6	4.4	4.2	5.3	5.4
Black	10.9	9.1	10.9	12.3	10.9	7.4	10.3	10.7	11.9	11.1

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Neonatal Mortality Rates by Race

St. Joseph County Residents, 1996-2005



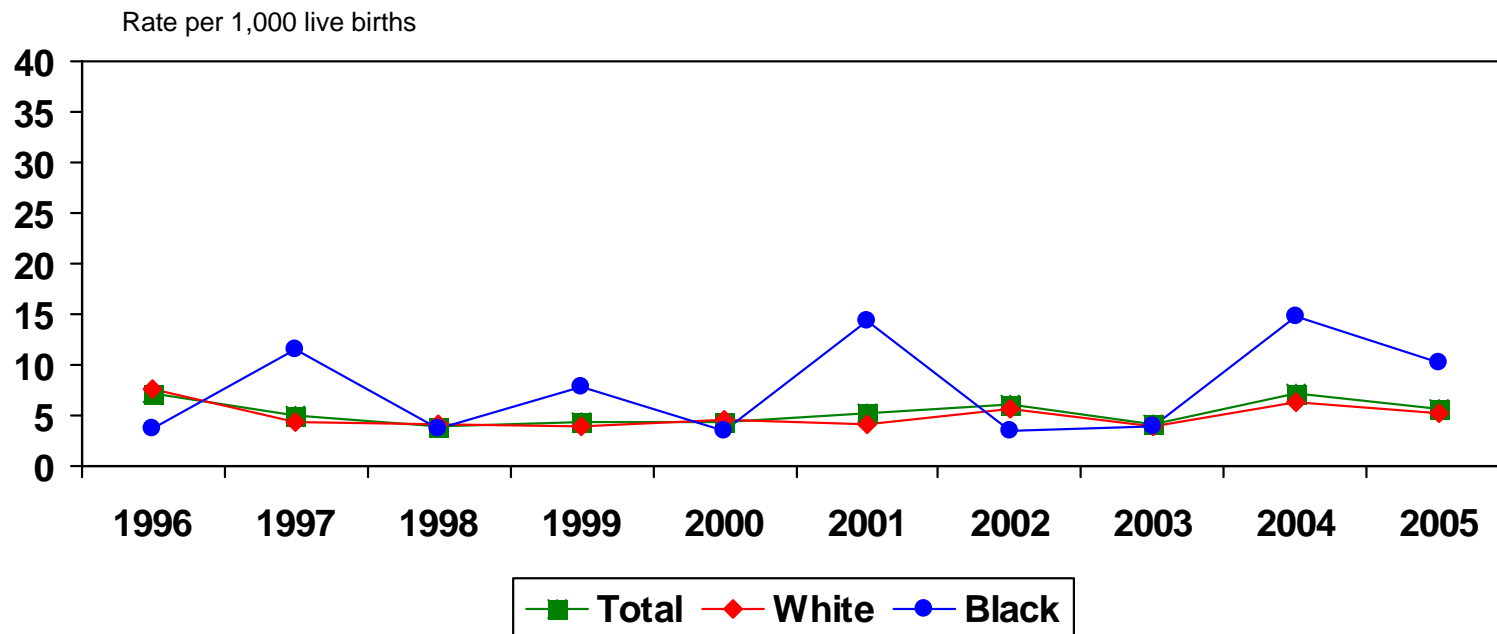
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	3.4*	7.2	5.5	7.7	4.5*	5.2	4.5*	5.1*	4.4*	7.3
White	3.6*	6.7	4.0*	6.9	3.4*	3.6*	3.7*	3.7*	3.9*	5.0*
Black	3.3*	8.8*	12.4*	12.9*	11.1*	13.6*	4.7*	9.4*	6.1*	18.1*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Neonatal Mortality Rates by Race

Vanderburgh County Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	7.1*	5.1*	4.0*	4.4*	4.3*	5.2*	6.1*	4.2*	7.2*	5.7*
White	7.7*	4.3*	4.1*	4.0*	4.5*	4.1*	5.6*	3.9*	6.4*	5.2*
Black	3.8*	11.5*	3.6*	7.8*	3.5*	14.3*	3.4*	4.0*	14.8*	10.2*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

**Neonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1996-2005**

	1996		1997		1998		1999		2000		2001		2002		2003		2004		2005	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
INDIANA	466	5.6	434	5.2	434	5.1	441	5.2	454	5.2	414	4.8	441	5.2	417	4.8	472	5.4	475	5.5
White	367	5.0	342	4.7	316	4.2	335	4.5	358	4.7	330	4.4	329	4.4	309	4.1	354	4.7	343	4.5
Black	94	10.7	85	9.7	109	11.8	99	10.7	88	9.3	79	8.3	91	9.8	98	10.6	105	11.0	123	12.5
Ratio		2.1		2.1		2.8		2.4		2.0		1.9		2.2		2.6		2.3		2.8
ALL RACES	198	5.7	228	6.6	214	6.0	224	6.3	204	5.1	174	4.8	202	5.3	205	5.4	228	5.8	239	6.2
Allen	17	3.5	27	5.4	34	6.7	24	4.7	20	3.8	22	4.1	21	4.1	28	5.4	31	5.8	28	5.3
Elkhart	9	3.3	14	4.8	18	6.0	10	3.2	19	5.7	13	4.2	11	3.7	17	5.3	14	4.3	15	4.3
Lake	50	7.0	44	6.4	47	6.6	43	6.1	36	5.1	39	5.6	52	7.6	42	6.1	43	6.2	49	7.1
Marion	93	6.7	105	7.6	84	6.0	107	7.5	101	6.9	68	4.7	87	6.0	89	6.1	106	7.1	105	7.2
St. Joseph	13	3.4	27	7.2	22	5.5	30	7.7	18	4.5	20	5.2	17	4.5	19	5.1	17	4.4	28	7.3
Vanderburgh	16	7.1	11	5.1	9	4.0	10	4.4	10	4.3	12	5.2	14	6.1	10	4.2	17	7.2	14	5.7
WHITE	122	4.6	149	5.6	116	4.4	135	5.0	123	4.3	102	3.8	116	4.3	118	4.3	131	4.7	128	4.6
Allen	10	2.5	20	4.9	21	5.0	18	4.3	10	2.3	18	4.1	10	2.3	16	3.7	22	5.0	16	3.7
Elkhart	8	3.2	11	4.1	17	6.2	7	2.4	17	5.6	10	3.5	10	3.6	14	4.7	11	3.7	14	4.3
Lake	24	5.0	19	4.1	14	3.0	24	5.1	22	4.7	19	4.1	29	6.4	26	5.6	18	3.9	17	3.8
Marion	54	5.4	70	7.0	43	4.4	56	5.6	54	5.3	36	3.6	45	4.4	43	4.2	55	5.3	55	5.4
St. Joseph	11	3.6	21	6.7	13	4.0	22	6.9	11	3.4	11	3.6	11	3.7	11	3.7	12	3.9	15	5.0
Vanderburgh	15	7.7	8	4.3	8	4.1	8	4.0	9	4.5	8	4.1	11	5.6	8	3.9	13	6.4	11	5.2
BLACK	76	10.1	76	10.0	95	11.9	85	10.6	76	8.1	69	10.0	76	7.3	80	10.3	92	11.3	105	11.9
Allen	7	10.2	7	9.0	13	17.2	5	6.9	9	12.1	4	4.9	7	9.9	11	15.0	8	10.4	10	13.0
Elkhart	1	6.5	3	16.5	1	4.6	3	14.2	1	4.7	2	10.8	1	5.0	3	15.2	3	13.8	1	4.7
Lake	26	11.6	25	11.5	31	13.3	19	8.3	14	6.2	20	9.0	23	10.6	16	7.3	24	10.9	32	14.3
Marion	39	10.9	33	9.1	41	10.9	48	12.3	44	10.9	30	7.4	41	10.3	43	10.7	49	11.9	46	11.1
St. Joseph	2	3.3	5	8.8	8	12.4	8	12.9	7	11.1	9	13.6	3	4.7	6	9.4	4	6.1	13	18.1
Vanderburgh	1	3.8	3	11.5	1	3.6	2	7.8	1	3.5	4	14.3	1	3.4	1	4.0	4	14.8	3	10.2
RATIO																				
Allen		4.1		1.8		3.4		1.6		5.2		1.2		4.3		4.1		2.1		3.5
Elkhart		2.0		4.0		0.7		5.9		0.8		3.1		1.4		3.2		3.7		1.1
Lake		2.3		2.8		4.4		1.6		1.3		2.2		1.7		1.3		2.8		3.8
Marion		2.0		1.3		2.5		2.2		2.1		2.1		2.3		2.5		2.2		2.1
St. Joseph		0.9		1.3		3.1		1.9		3.3		3.8		1.3		2.5		1.6		3.6
Vanderburgh		0.5		2.7		0.9		2.0		0.8		3.5		0.6		1.0		2.3		2.0

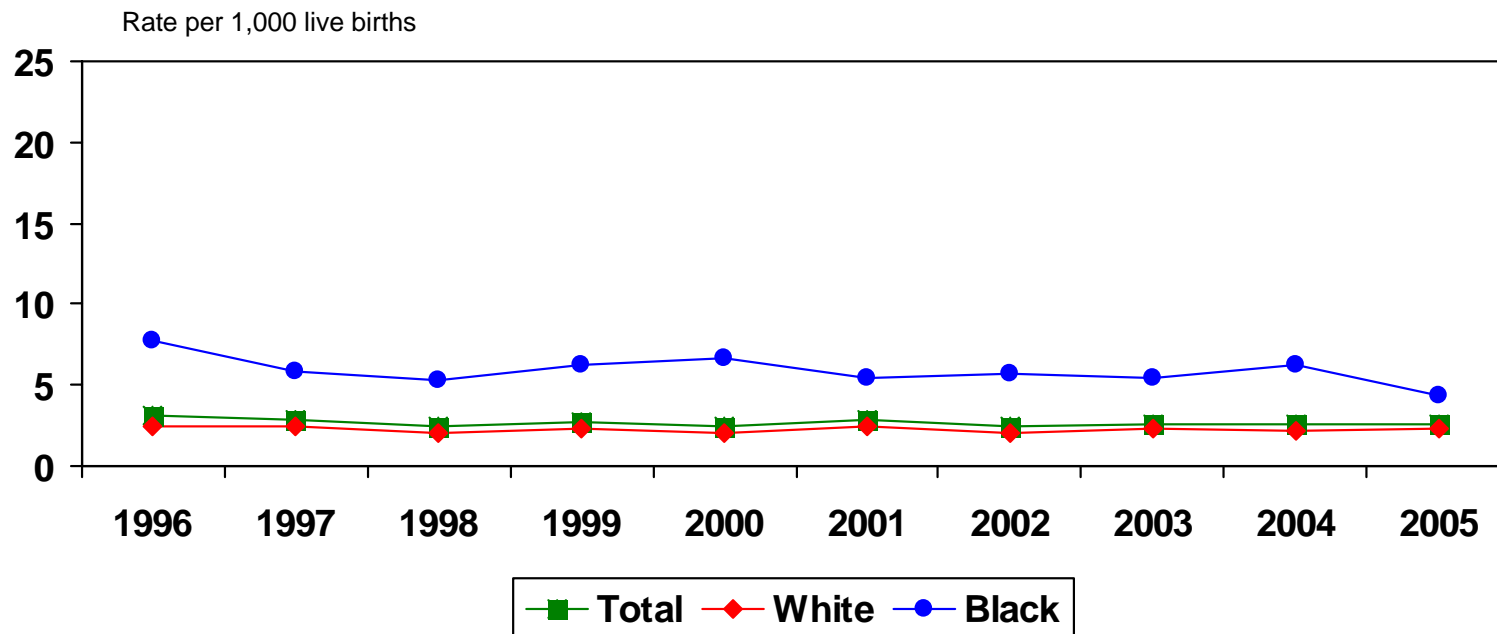
Rate per 1,000 live births.

Shaded area: Numerator is less than 20, and the rate is unstable. The ratio is unstable if the numerator or denominator is less than 20.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Postneonatal Mortality Rates by Race

Indiana Residents, 1996-2005

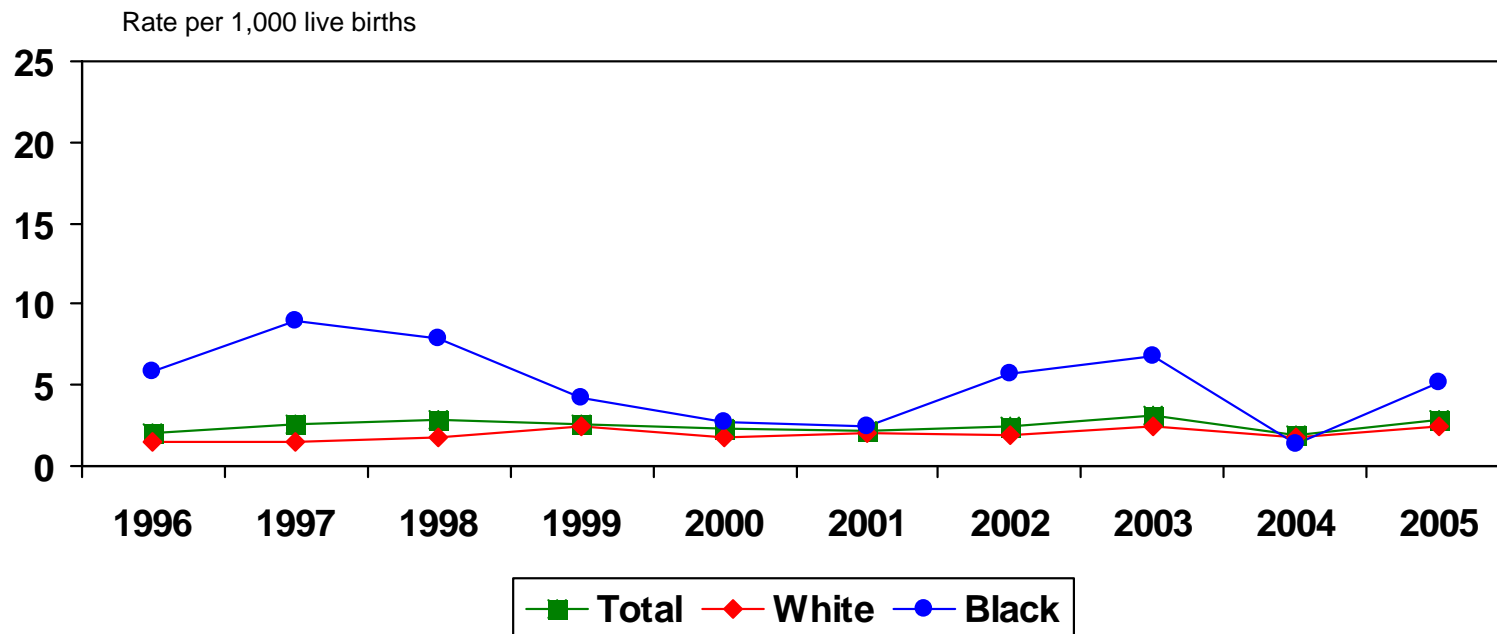


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	3.1	2.9	2.4	2.7	2.5	2.8	2.5	2.6	2.6	2.6
White	2.5	2.5	2.0	2.3	2.0	2.5	2.0	2.3	2.2	2.3
Black	7.7	5.8	5.3	6.3	6.6	5.4	5.7	5.4	6.2	4.4

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Postneonatal Mortality Rates by Race

Allen County Residents, 1996-2005



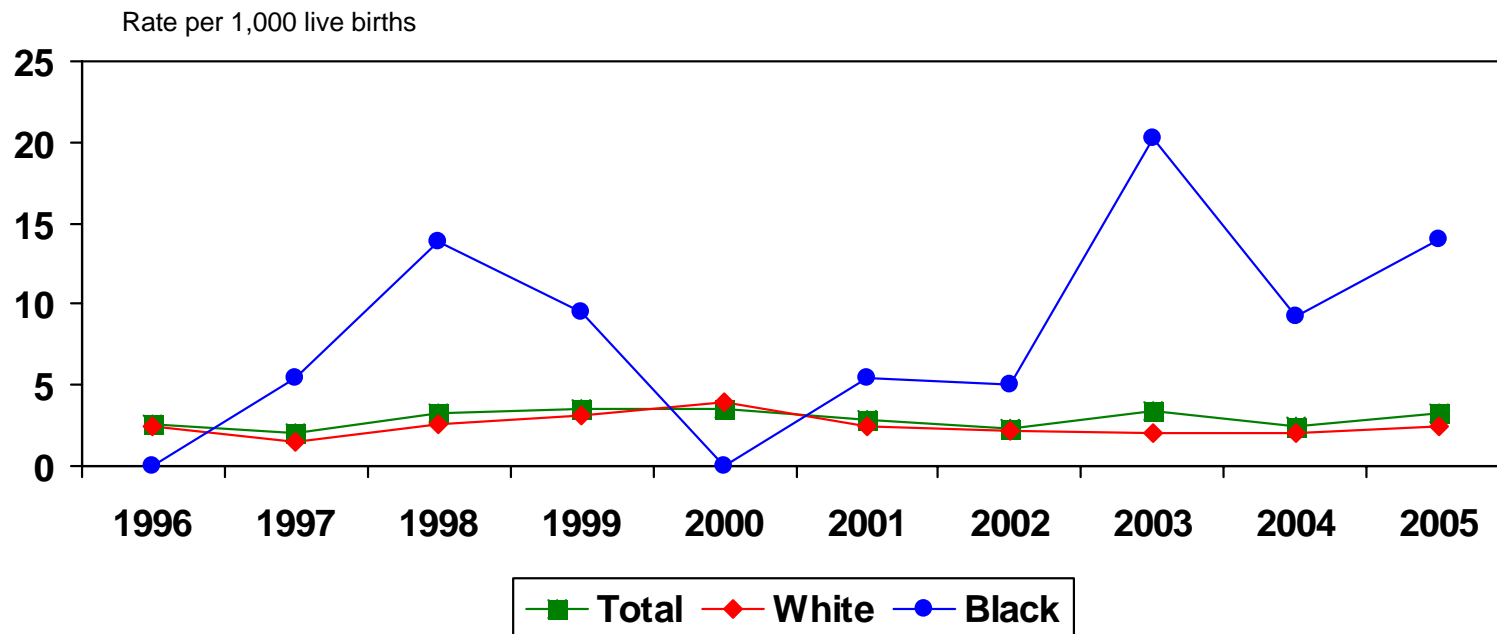
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	2.1*	2.6*	2.8*	2.6*	2.3*	2.2*	2.5*	3.1*	1.9*	2.8*
White	1.5*	1.5*	1.7*	2.4*	1.8*	2.0*	1.8*	2.5*	1.8*	2.5*
Black	5.8*	9.0*	7.9*	4.2*	2.7*	2.5*	5.7*	6.8*	1.3*	5.2*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Postneonatal Mortality Rates by Race

Elkhart County Residents, 1996-2005



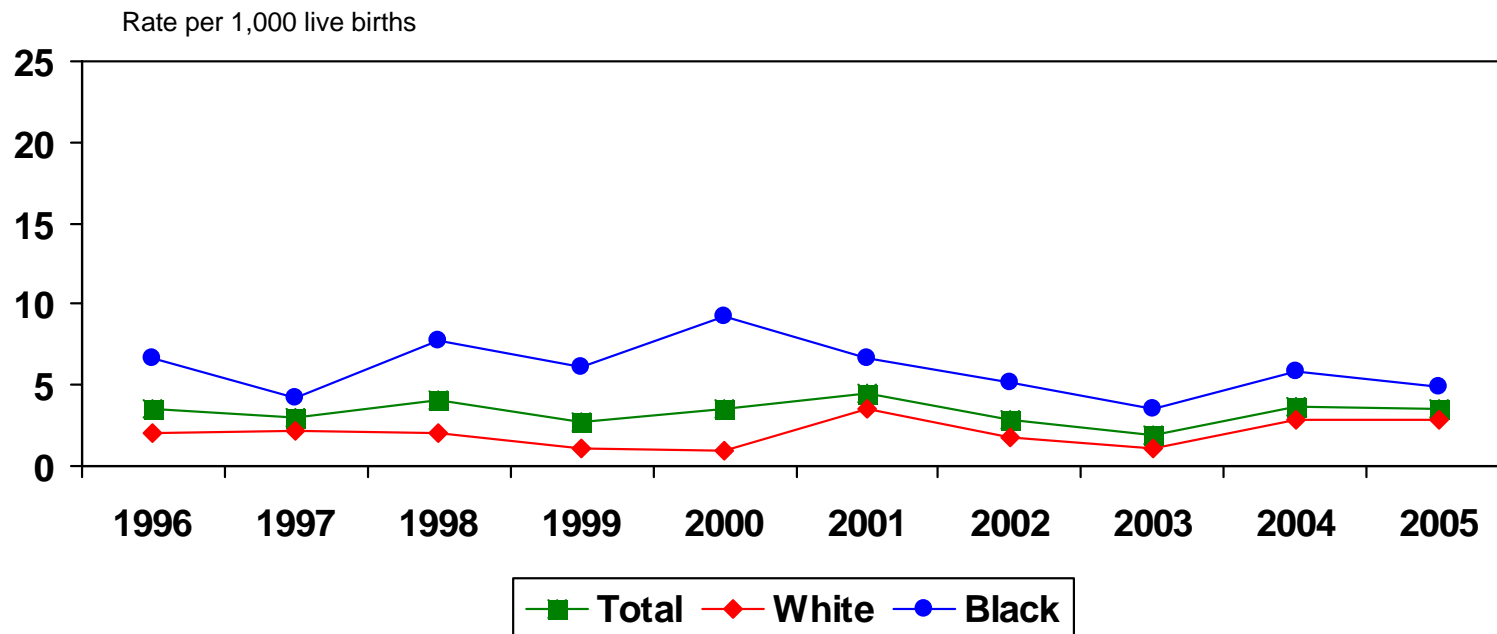
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	2.6*	2.1*	3.3*	3.5*	3.6*	2.9*	2.3*	3.4*	2.5*	3.2*
White	2.4*	1.5*	2.6*	3.1*	3.9*	2.4*	2.2*	2.0*	2.0*	2.5*
Black	0.0*	5.5*	13.9*	9.5*	0.0*	5.4*	5.0*	20.2*	9.2*	14.0*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Postneonatal Mortality Rates by Race

Lake County Residents, 1996-2005



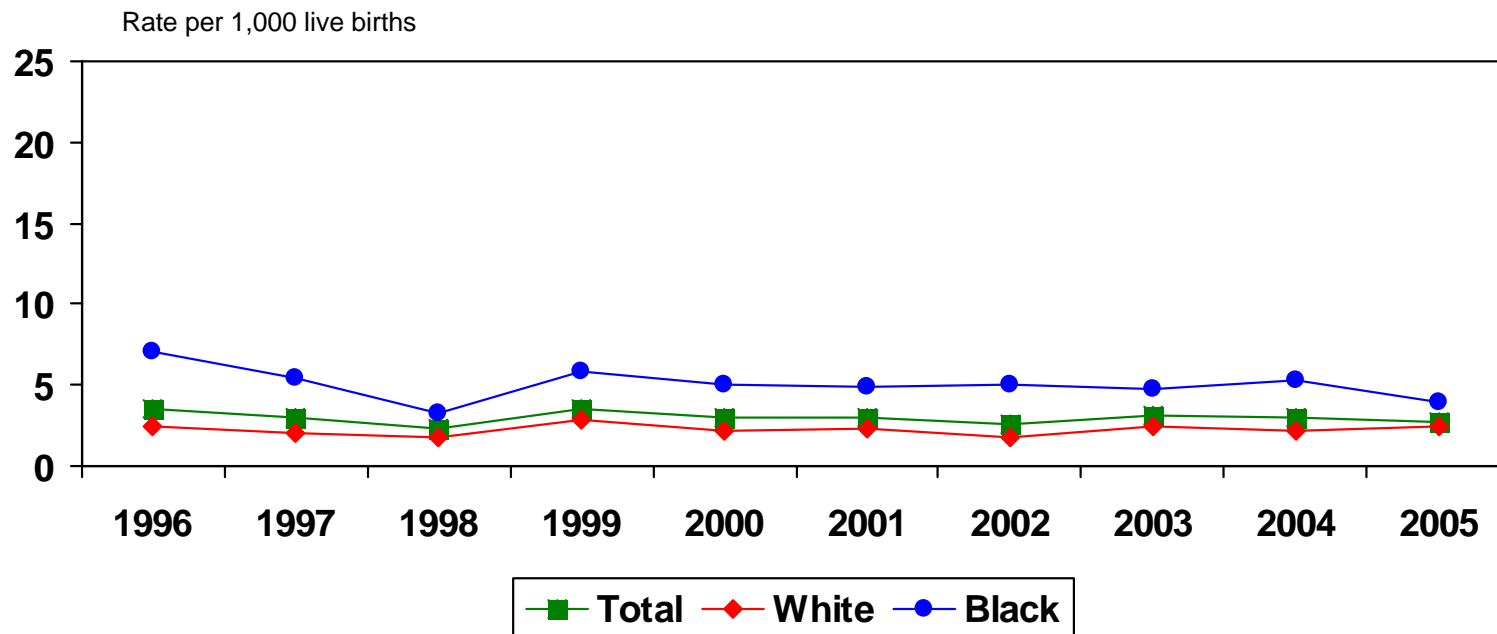
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	3.5	3.0	4.1	2.7*	3.6	4.5	2.9	1.9*	3.7	3.6
White	2.1*	2.2*	2.1*	1.1*	0.9*	3.5*	1.8*	1.1*	2.8*	2.9*
Black	6.7*	4.2*	7.7*	6.1*	9.3	6.7*	5.1*	3.6*	5.9*	4.9*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Postneonatal Mortality Rates by Race

Marion County Residents, 1996-2005



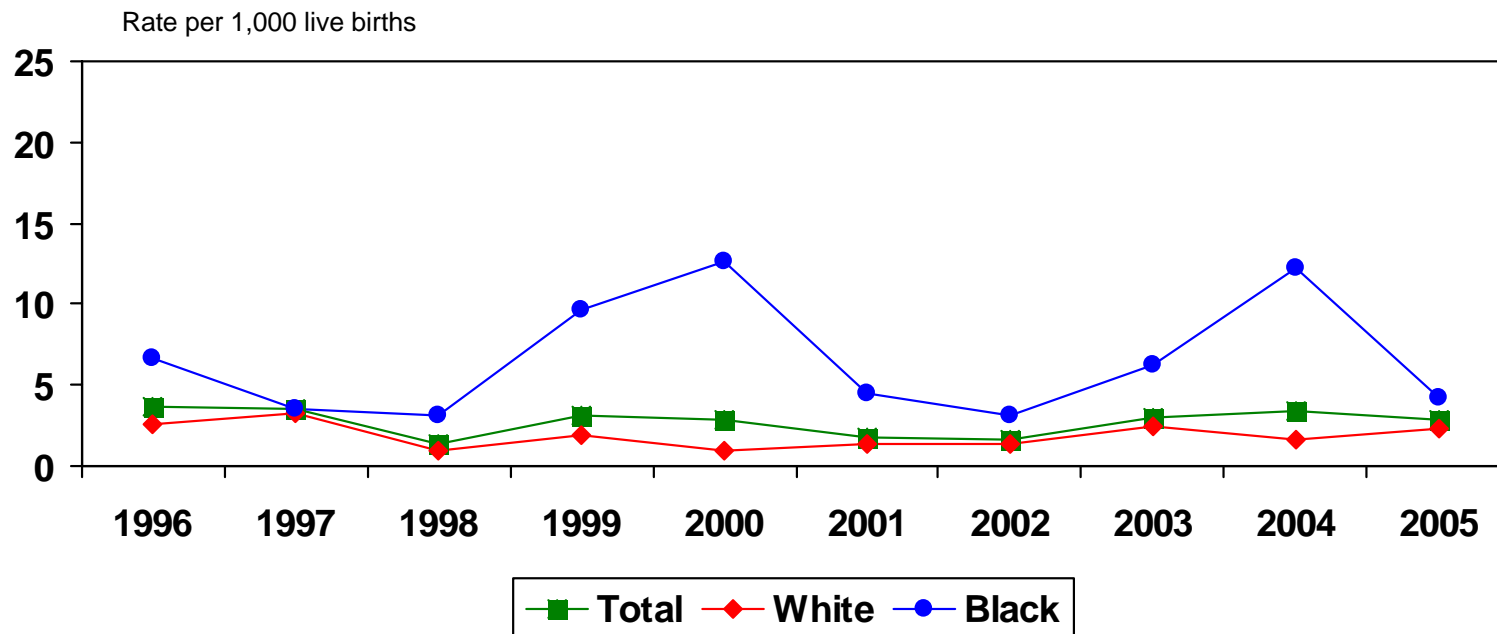
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	3.6	3.0	2.3	3.6	3.0	3.0	2.6	3.1	3.0	2.7
White	2.4	2.1	1.8*	2.8	2.2	2.3	1.8*	2.5	2.2	2.4
Black	7.0	5.5	3.2*	5.9	5.0	4.9	5.0	4.7*	5.3	3.9*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Postneonatal Mortality Rates by Race

St. Joseph County Residents, 1996-2005

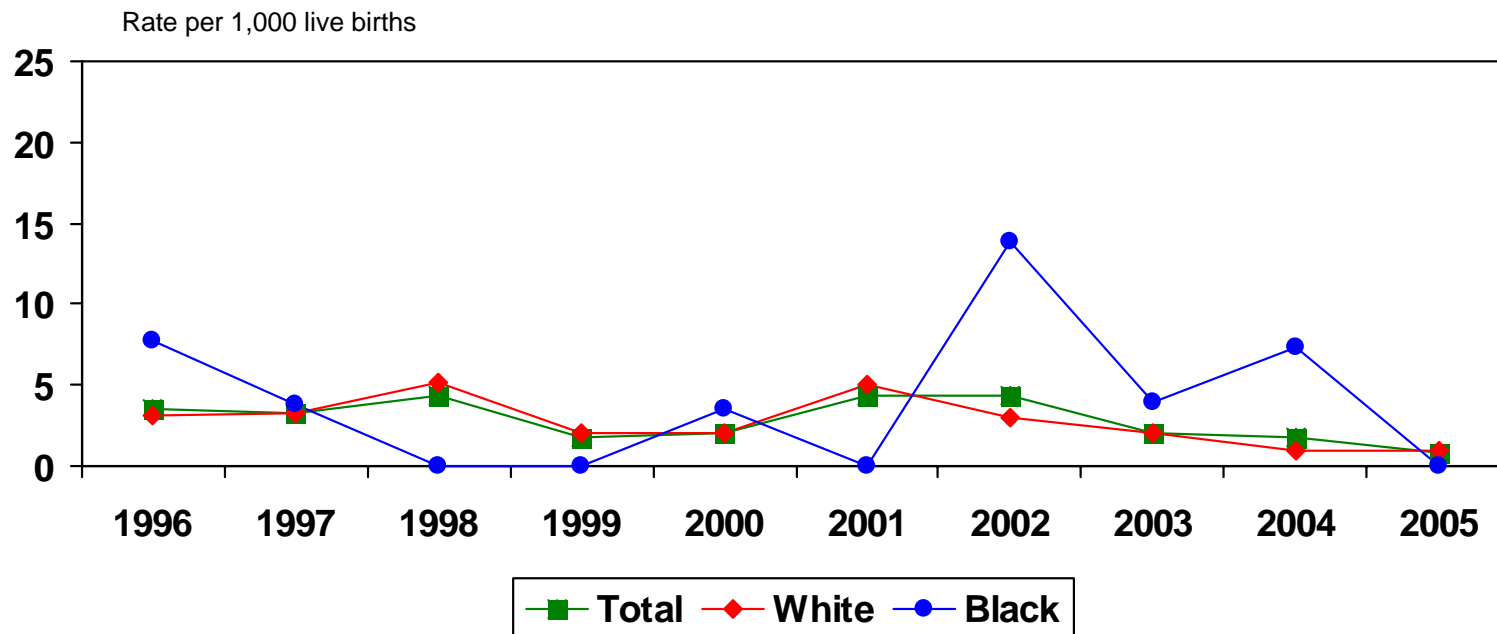


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	3.7*	3.5*	1.3*	3.1*	2.8*	1.8*	1.6*	3.0*	3.4*	2.9*
White	2.6*	3.2*	0.9*	1.9*	0.9*	1.3*	1.3*	2.4*	1.6*	2.3*
Black	6.6*	3.5*	3.1*	9.7*	12.7*	4.5*	3.1*	6.3*	12.2*	4.2*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Postneonatal Mortality Rates by Race Vanderburgh County Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	3.6*	3.2*	4.4*	1.8*	2.1*	4.4*	4.4*	2.1*	1.7*	0.8*
White	3.1*	3.2*	5.1*	2.0*	2.0*	5.1*	3.0*	2.0*	1.0*	1.0*
Black	7.7*	3.8*	0.0*	0.0*	3.5*	0.0*	13.7*	4.0*	7.4*	0.0*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

**Postneonatal Mortality by Race for Six Urban Counties and Ratio of Black to White Mortality Rates
Indiana Residents, 1996-2005**

	1996		1997		1998		1999		2000		2001		2002		2003		2004		2005	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
INDIANA	258	3.1	241	2.9	207	2.4	230	2.7	222	2.5	238	2.8	208	2.5	224	2.6	230	2.6	224	2.6
White	183	2.5	184	2.5	152	2.0	171	2.3	153	2.0	184	2.5	150	2.0	170	2.3	168	2.2	176	2.3
Black	67	7.7	51	5.8	49	5.3	58	6.3	62	6.6	51	5.4	53	5.7	50	5.4	59	6.2	43	4.4
Ratio		3.1		2.3		2.7		2.7		3.3		2.2		2.9		2.3		2.8		1.9
ALL RACES	114	3.3	102	2.9	100	2.8	110	3.1	109	2.9	112	3.1	94	2.7	102	2.8	106	2.7	104	2.7
Allen	10	2.1	13	2.6	14	2.8	13	2.6	12	2.3	12	2.2	13	2.5	16	3.1	10	1.9	15	2.8
Elkhart	7	2.6	6	2.1	10	3.3	11	3.5	12	3.6	9	2.9	7	2.3	11	3.4	8	2.5	11	3.2
Lake	25	3.5	21	3.0	29	4.1	19	2.7	25	3.6	31	4.5	20	2.9	13	1.9	26	3.7	25	3.6
Marion	50	3.6	42	3.0	32	2.3	51	3.6	44	3.0	43	3.0	38	2.6	46	3.1	45	3.0	40	2.7
St. Joseph	14	3.7	13	3.5	5	1.3	12	3.1	11	2.8	7	1.8	6	1.6	11	3.0	13	3.4	11	2.9
Vanderburgh	8	3.6	7	3.2	10	4.4	4	1.8	5	2.1	10	4.4	10	4.4	5	2.1	4	1.7	2	0.8
WHITE	60	2.3	57	2.2	55	2.1	62	2.3	53	2.0	69	2.8	50	2.0	59	2.1	57	1.9	65	2.3
Allen	6	1.5	6	1.5	7	1.7	10	2.4	8	1.8	9	2.0	8	1.8	11	2.5	8	1.8	11	2.5
Elkhart	6	2.4	4	1.5	7	2.6	9	3.1	12	3.9	7	2.4	6	2.2	6	2.0	6	2.0	8	2.5
Lake	10	2.1	10	2.2	10	2.1	5	1.1	4	0.9	16	3.5	8	1.8	5	1.1	13	2.8	13	2.9
Marion	24	2.4	21	2.1	18	1.8	28	2.8	22	2.2	23	2.3	18	1.8	26	2.5	23	2.2	24	2.4
St. Joseph	8	2.6	10	3.2	3	0.9	6	1.9	3	0.9	4	1.3	4	1.3	7	2.4	5	1.6	7	2.3
Vanderburgh	6	3.1	6	3.2	10	5.1	4	2.0	4	2.0	10	5.1	6	3.0	4	2.0	2	1.0	2	1.0
BLACK	50	6.6	40	5.3	41	5.1	48	6.0	52	5.5	41	4.0	42	6.3	41	7.6	48	6.9	37	5.4
Allen	4	5.8	7	9.0	6	7.9	3	4.2	2	2.7	2	2.5	4	5.7	5	6.8	1	1.3	4	5.2
Elkhart	0	0.0	1	5.5	3	13.9	2	9.5	0	0.0	1	5.4	1	5.0	4	20.2	2	9.2	3	14.0
Lake	15	6.7	9	4.2	18	7.7	14	6.1	21	9.3	15	6.7	11	5.1	8	3.6	13	5.9	11	4.9
Marion	25	7.0	20	5.5	12	3.2	23	5.9	20	5.0	20	4.9	20	5.0	19	4.7	22	5.3	16	3.9
St. Joseph	4	6.6	2	3.5	2	3.1	6	9.7	8	12.7	3	4.5	2	3.1	4	6.3	8	12.2	3	4.2
Vanderburgh	2	7.7	1	3.8	0	0.0	0	0.0	1	3.5	0	0.0	4	13.7	1	4.0	2	7.4	0	0.0
RATIO																				
Allen		3.9		6.0		4.6		1.8		1.5		1.3		3.2		2.7		0.7		2.1
Elkhart		0.0		3.7		5.3		3.1		0.0		2.3		2.3		10.1		4.6		5.6
Lake		3.2		1.9		3.7		5.5		10.9		1.9		2.8		3.3		2.1		1.7
Marion		2.9		2.6		1.8		2.1		2.3		2.1		2.8		1.9		2.4		1.6
St. Joseph		2.5		1.1		3.4		5.1		13.7		3.5		2.4		2.6		7.6		1.8
Vanderburgh		2.5		1.2		0.0		0.0		1.8		0.0		4.6		2.0		7.4		0.0

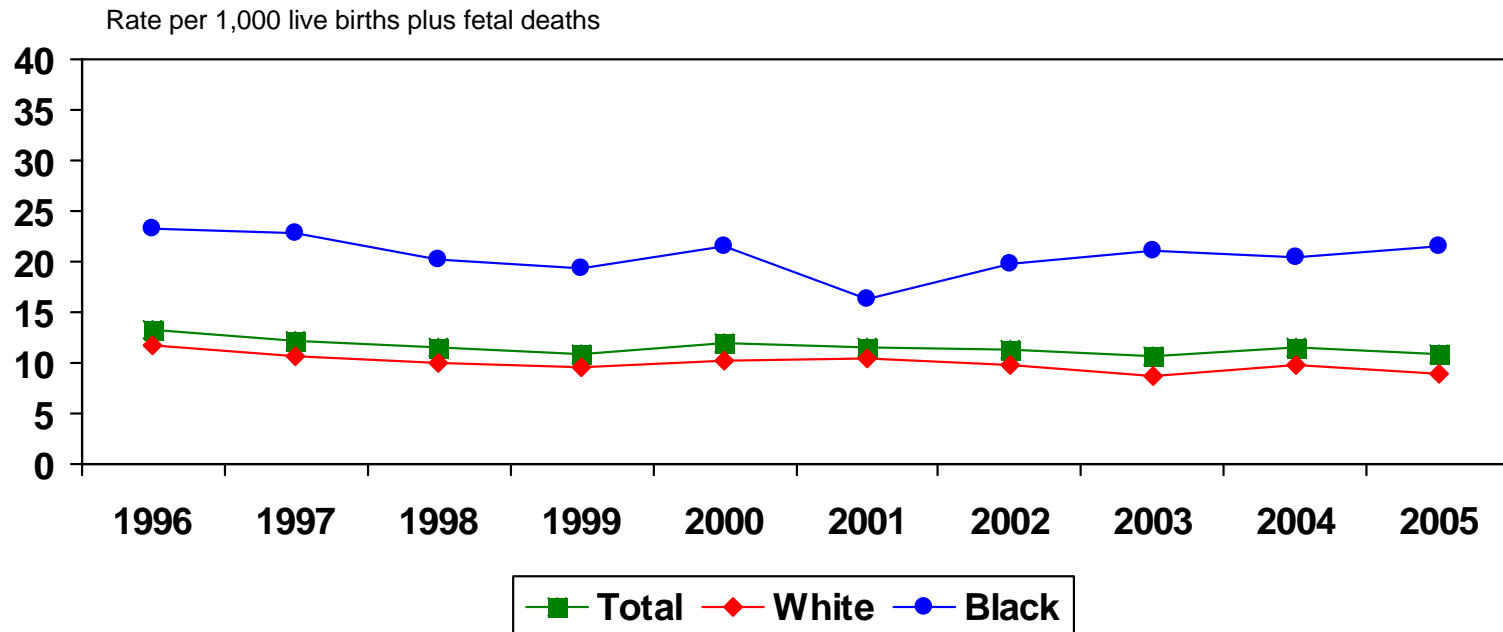
Rate per 1,000 live births.

Shaded area: Numerator is less than 20, and the rate is unstable. The ratio is unstable if the numerator or denominator is less than 20.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Perinatal Mortality Rates by Race

Indiana Residents, 1996-2005

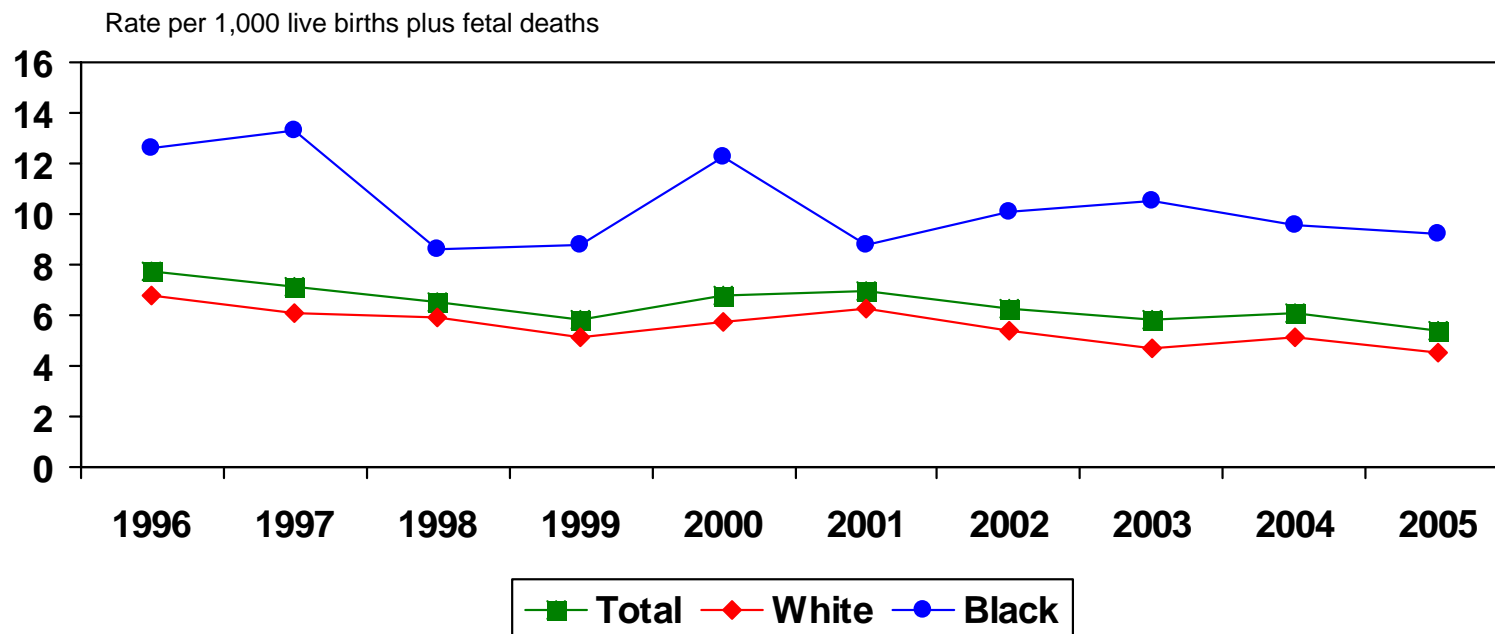


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	13.2	12.2	11.5	10.9	11.9	11.5	11.4	10.6	11.5	10.8
White	11.8	10.7	10.1	9.6	10.3	10.4	9.8	8.7	9.8	9.0
Black	23.3	22.9	20.3	19.4	21.5	16.3	19.8	21.0	20.5	21.6

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Fetal Mortality Rates by Race

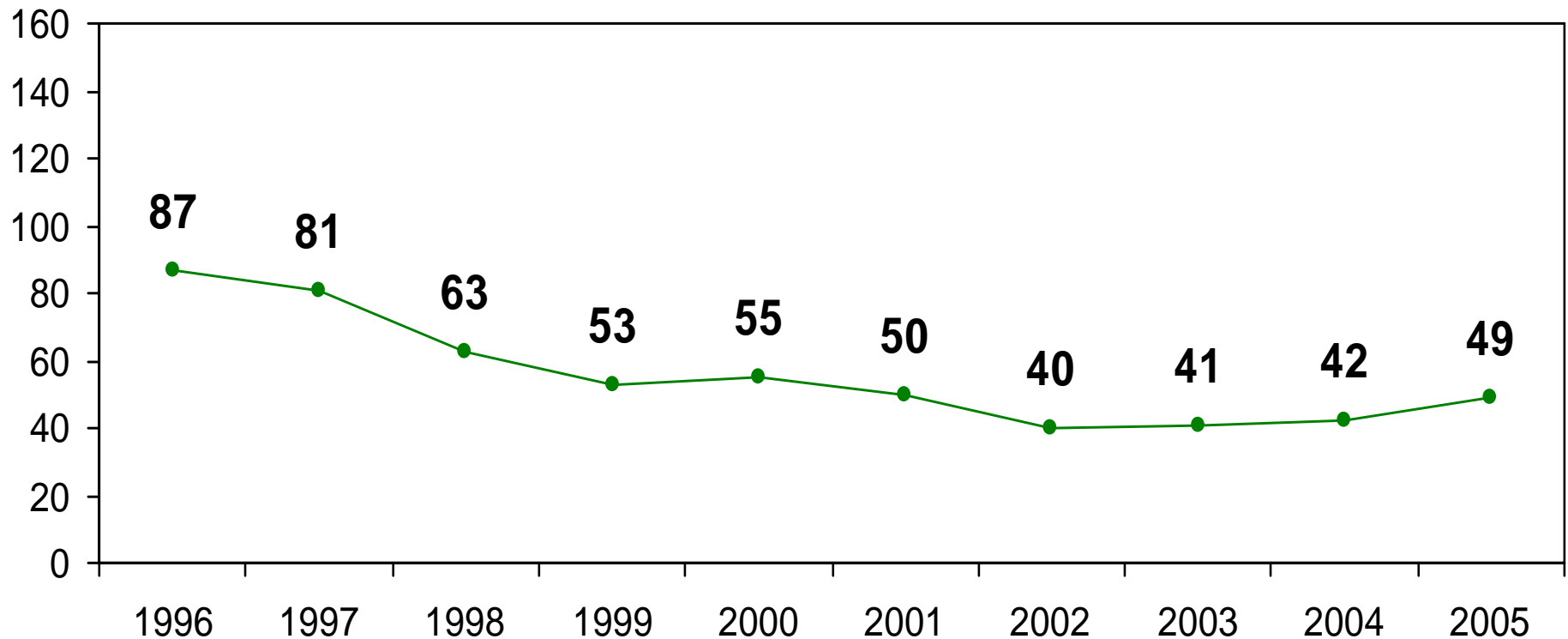
Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	7.7	7.1	6.5	5.8	6.8	7.0	6.3	5.8	6.1	5.4
White	6.8	6.1	5.9	5.1	5.7	6.3	5.4	4.7	5.1	4.5
Black	12.6	13.3	8.6	8.8	12.3	8.8	10.1	10.5	9.6	9.2

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

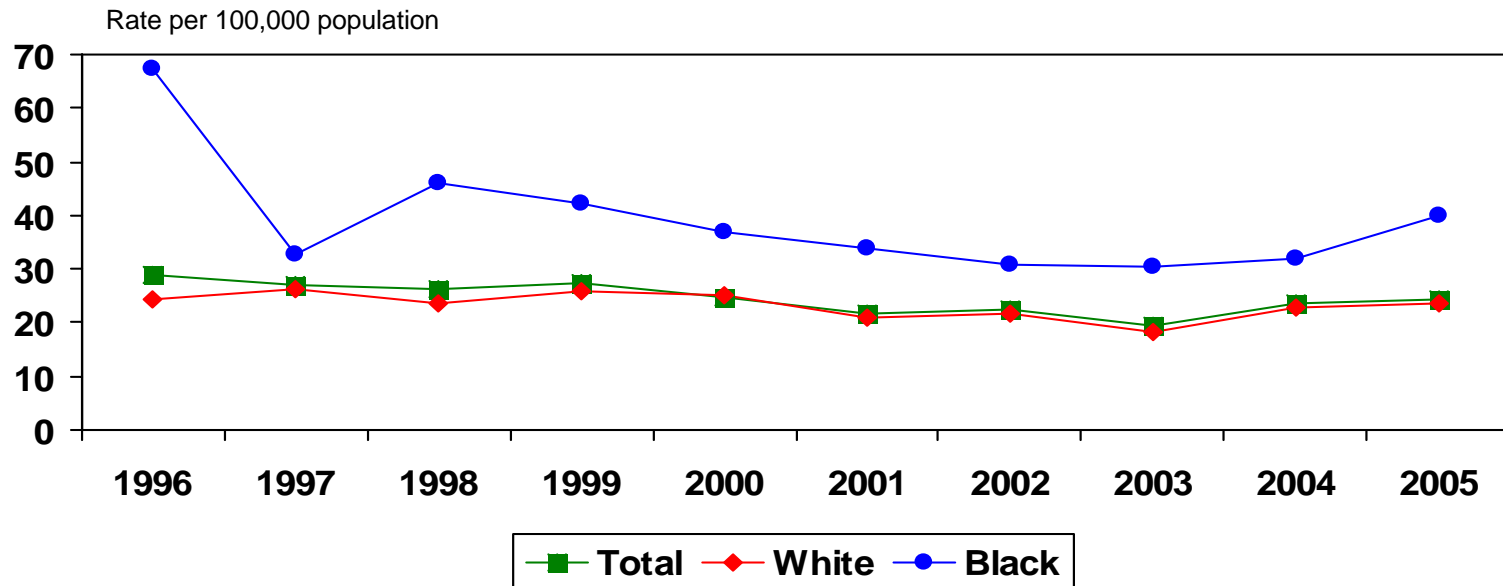
Number of SIDS* Deaths Indiana Residents, 1996-2005 All Races



*Sudden Infant Death Syndrome

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

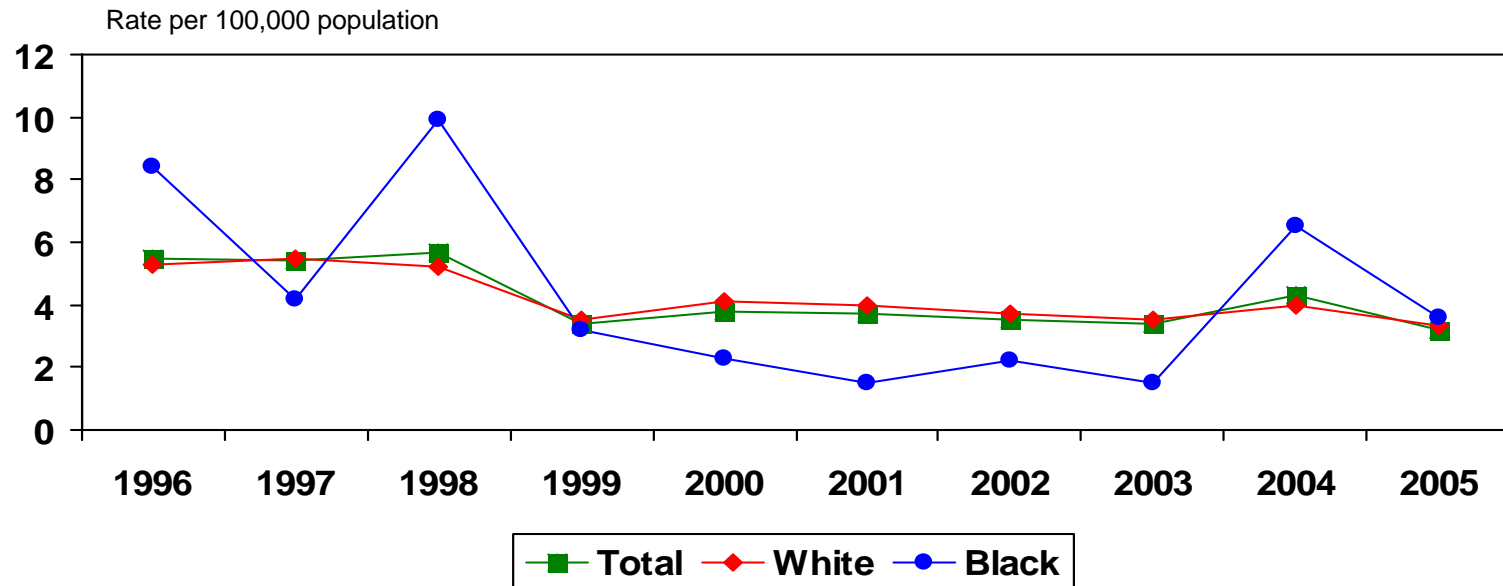
Mortality Rates for Youths Aged 1-14 Years, by Race Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	28.9	27.2	26.2	27.5	24.9	21.8	22.4	19.3	23.5	24.5
White	24.4	26.3	23.4	25.9	25.0	21.1	21.6	18.3	22.7	23.5
Black	67.2	32.6	46.0	42.1	37.0	34.0	30.9	30.3	31.9	40.1

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Motor Vehicle Injury Mortality Rates Among Youths Aged 1-14 Years, by Race Indiana Residents, 1996-2005

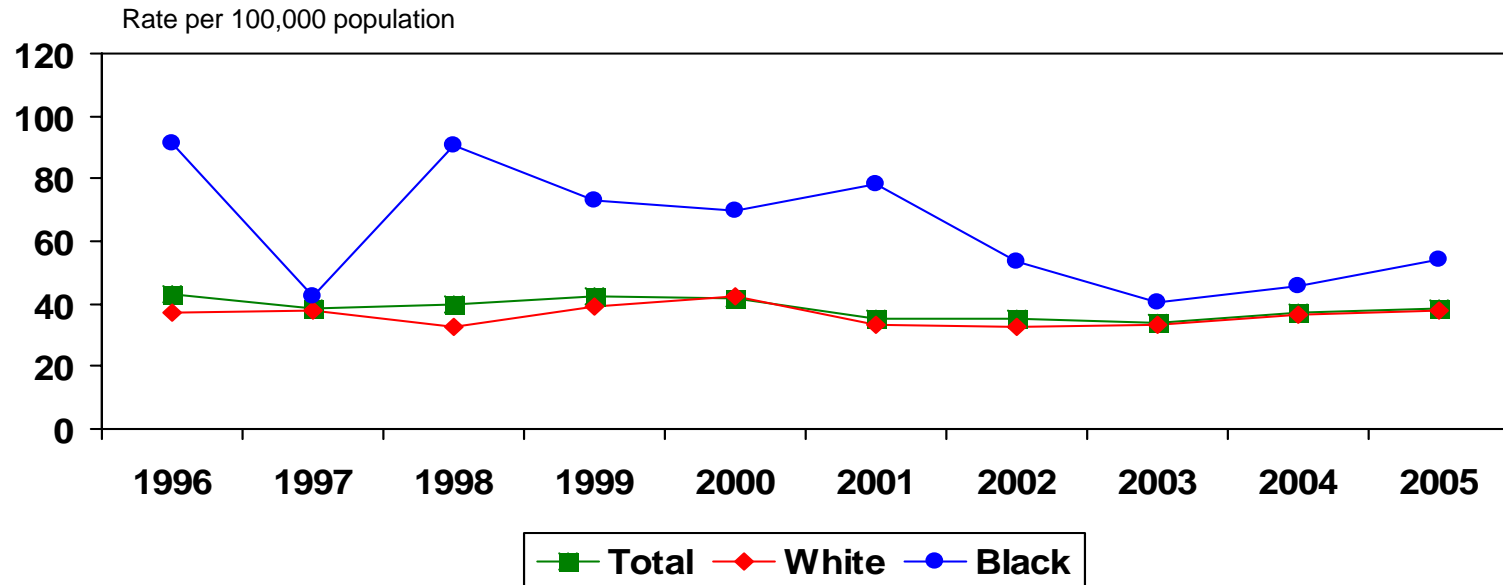


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	5.5	5.4	5.7	3.4	3.8	3.7	3.5	3.4	4.3	3.2
White	5.3	5.5	5.2	3.5	4.1	4.0	3.7	3.5	4.0	3.3
Black	8.4*	4.2*	9.9*	3.2*	2.3*	1.5*	2.2*	1.5*	6.5*	3.6*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Mortality Rates for Youths Aged 1-4 Years, by Race Indiana Residents, 1996-2005

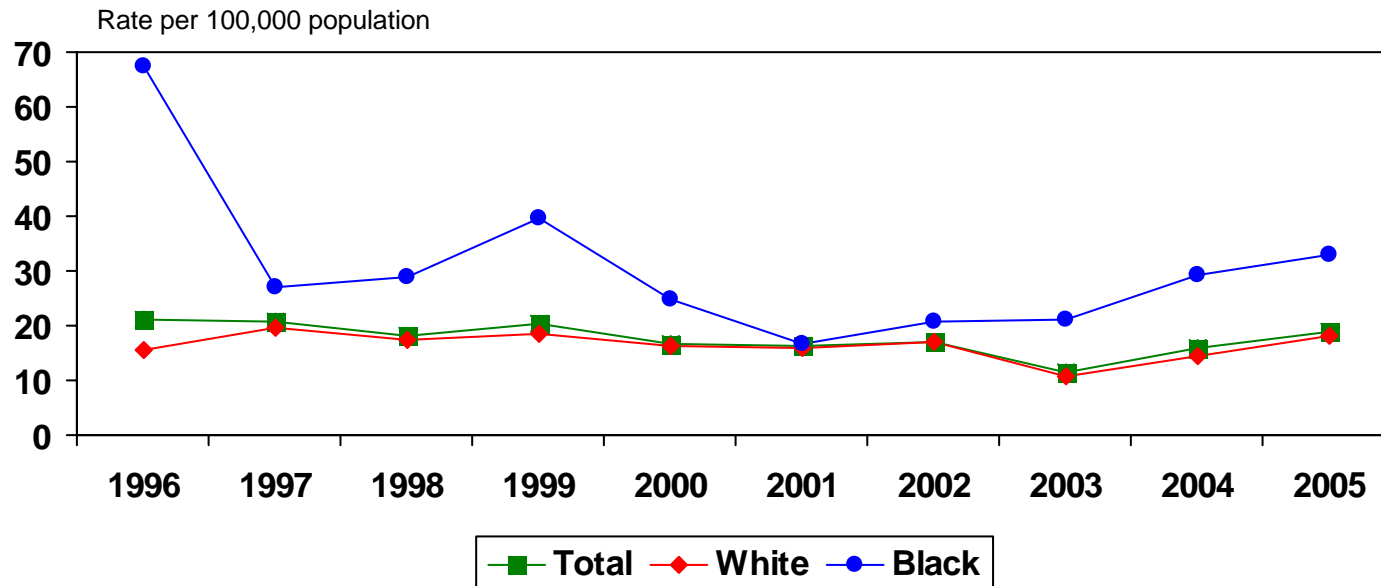


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	42.9	38.4	39.5	42.6	41.9	35.4	34.9	33.8	36.9	38.4
White	37.2	37.8	32.3	39.3	42.1	33.1	32.8	33.3	36.6	38.0
Black	91.4	42.1*	90.4	73.0	69.7	78.0	53.4	40.4*	45.4*	54.1

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Mortality Rates for Youths Aged 5-9 Years, by Race Indiana Residents, 1996-2005

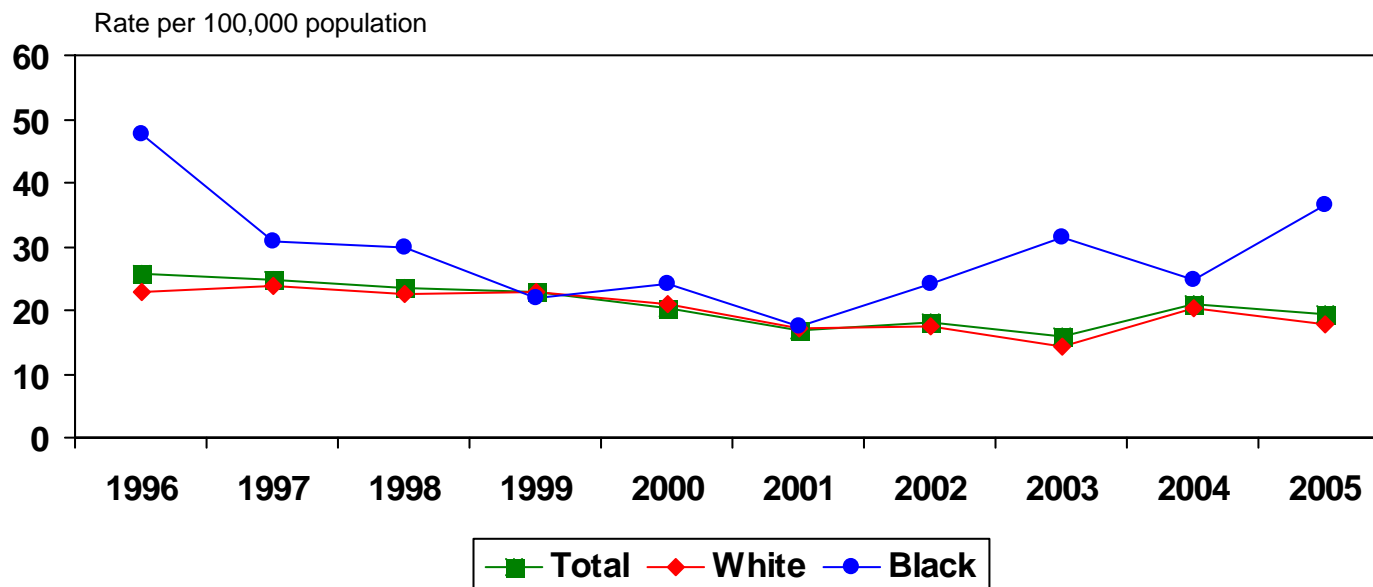


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	21.1	20.9	18.3	20.5	16.5	16.2	17.1	11.6	15.8	18.9
White	15.6	19.6	17.3	18.5	16.2	16.0	17.1	10.9	14.3	18.0
Black	67.5	27.2*	28.8*	39.7*	25.0*	16.7*	20.8*	21.1*	29.1*	33.0*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Mortality Rates for Youths Aged 10-14 Years, by Race Indiana Residents, 1996-2005

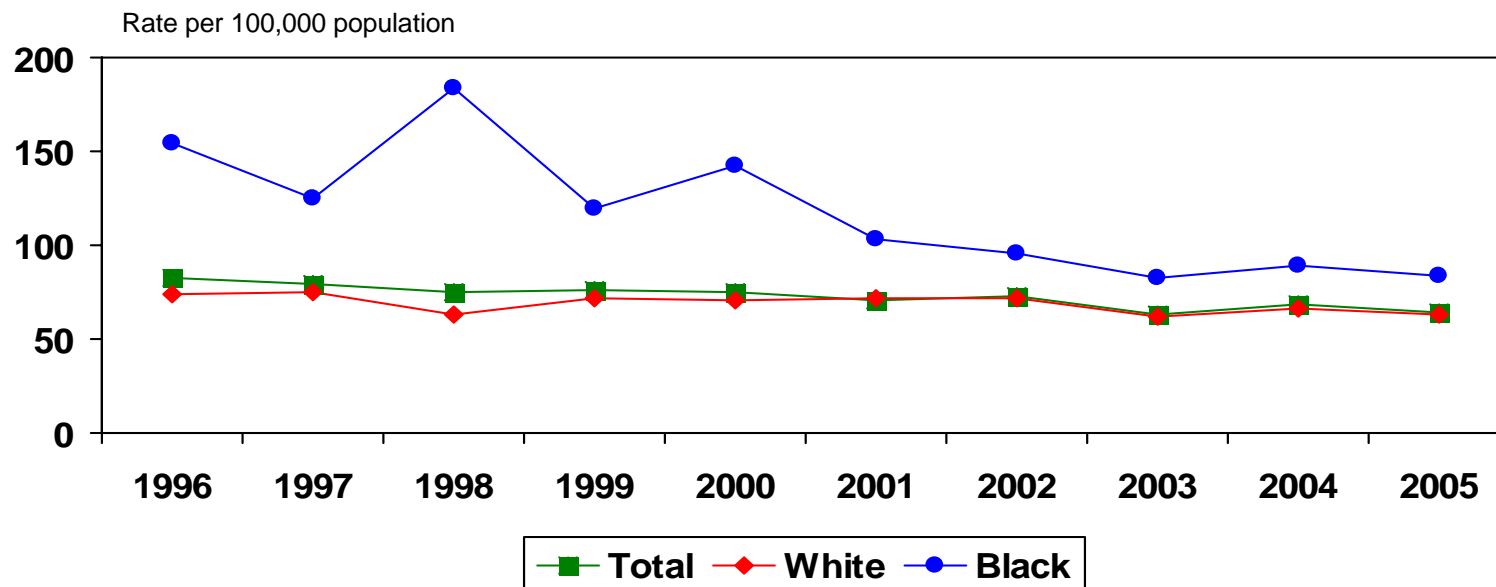


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	25.6	24.7	23.6	22.8	20.3	16.9	18.2	15.9	20.8	19.4
White	22.9	23.7	22.4	22.9	21.0	17.2	17.6	14.2	20.4	17.9
Black	47.5	30.7*	29.9*	22.0*	24.1*	17.5*	24.0*	31.5*	24.9*	36.6*

*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

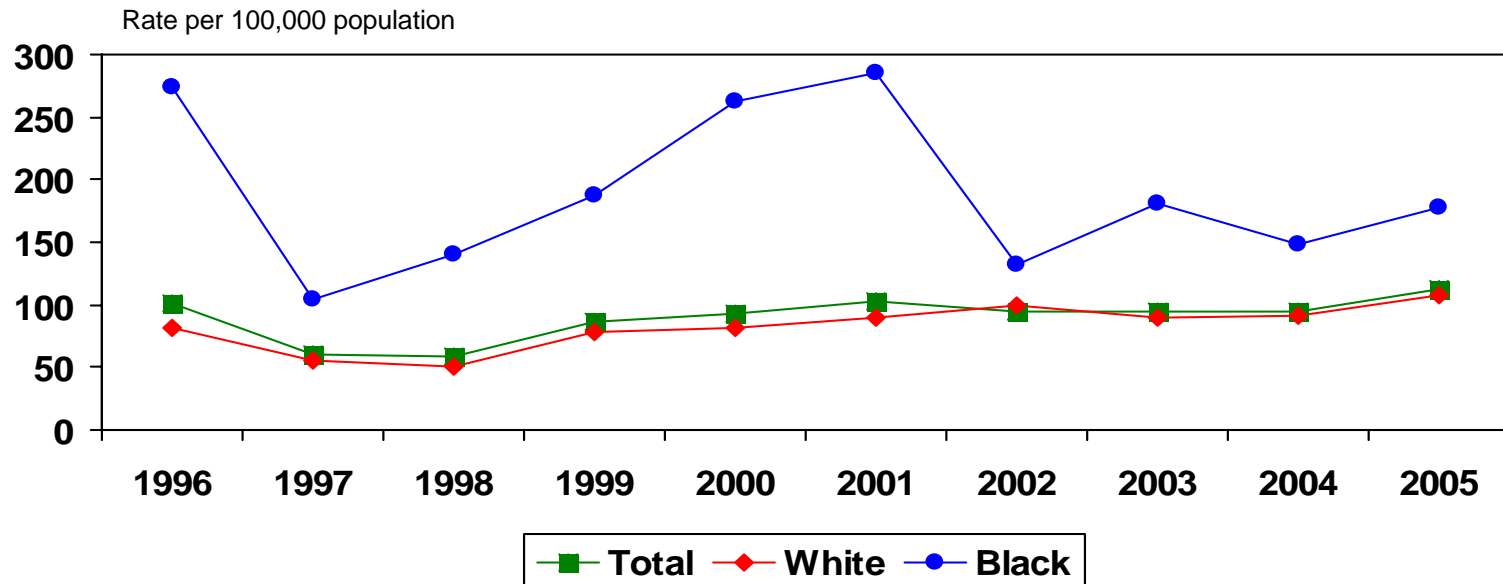
Mortality Rates for Youths Aged 15-19 Years, by Race Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	82.4	79.2	74.7	75.7	75.0	71.0	73.1	62.6	68.5	64.4
White	74.4	74.9	63.0	71.8	71.0	71.2	71.2	61.6	66.6	63.0
Black	154.2	124.7	183.8	120.0	142.5	103.4	95.5	82.5	89.1	83.6

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

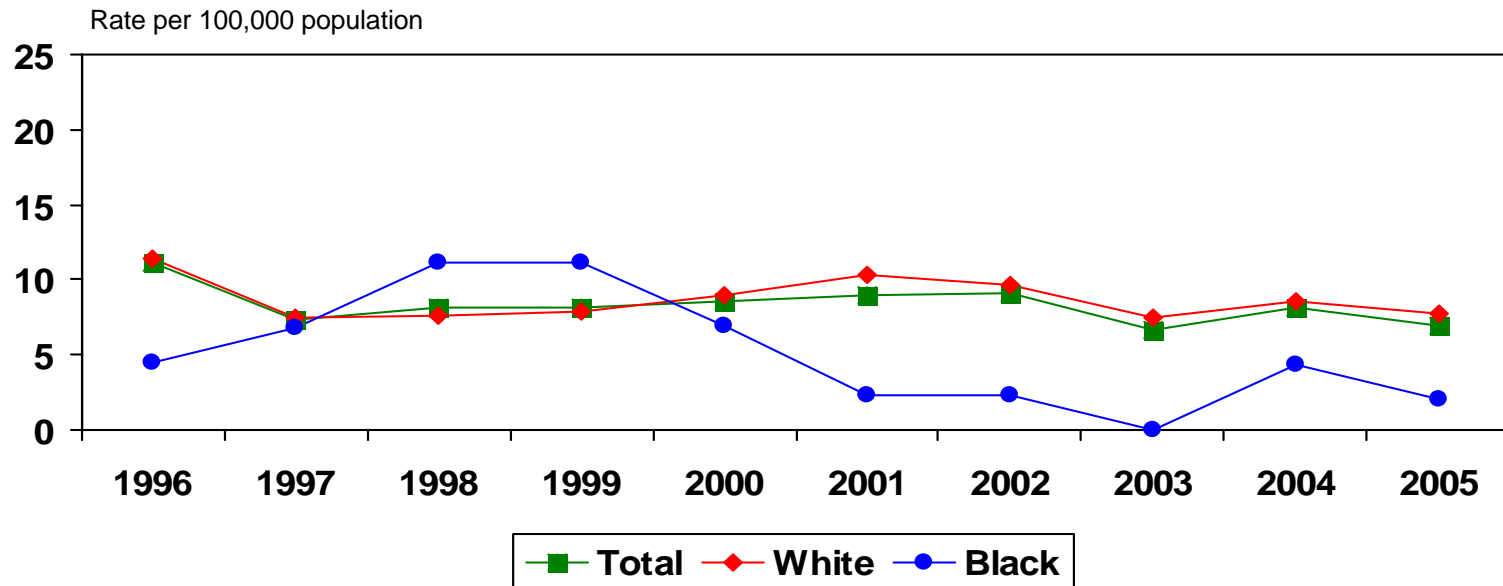
Mortality Rates for Young Adults Aged 20-21 Years, by Race Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	101.3	60.3	58.8	86.9	93.6	102.8	95.0	94.6	95.0	112.6
White	82.3	55.8	49.8	77.8	81.3	89.0	98.7	89.0	91.0	108.0
Black	274.2	103.7	140.7	188.3	262.6	286.0	131.5	180.3	148.4	177.3

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

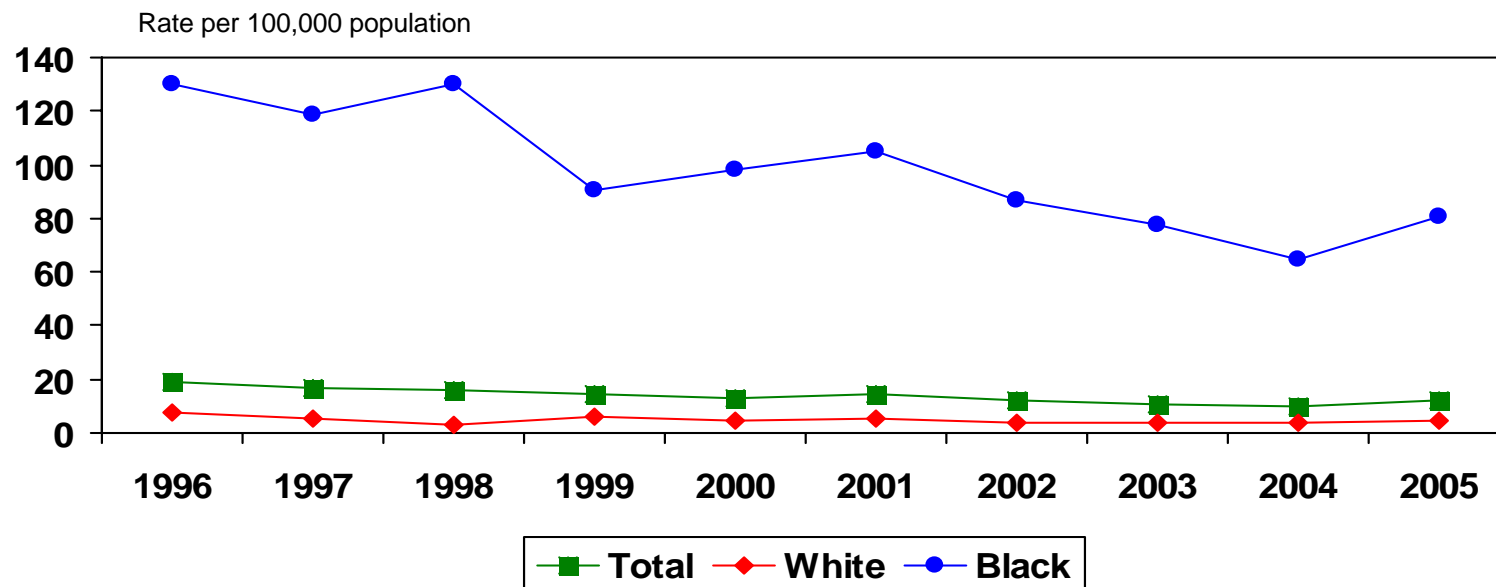
Suicide Mortality Rates Among Youths Aged 15-19 Years, by Race Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	11.1	7.3	8.1	8.1	8.6	9.0	9.1	6.6	8.1	6.9
White	11.4	7.5	7.6	7.9	9.0	10.3	9.6	7.5	8.5	7.7
Black	4.5*	6.8*	11.2*	11.1*	6.9*	2.3*	2.3*	0.0*	4.3*	2.1*

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Homicide Mortality Rates Among Those Aged 15-24 Years, by Race Indiana Residents, 1996-2005

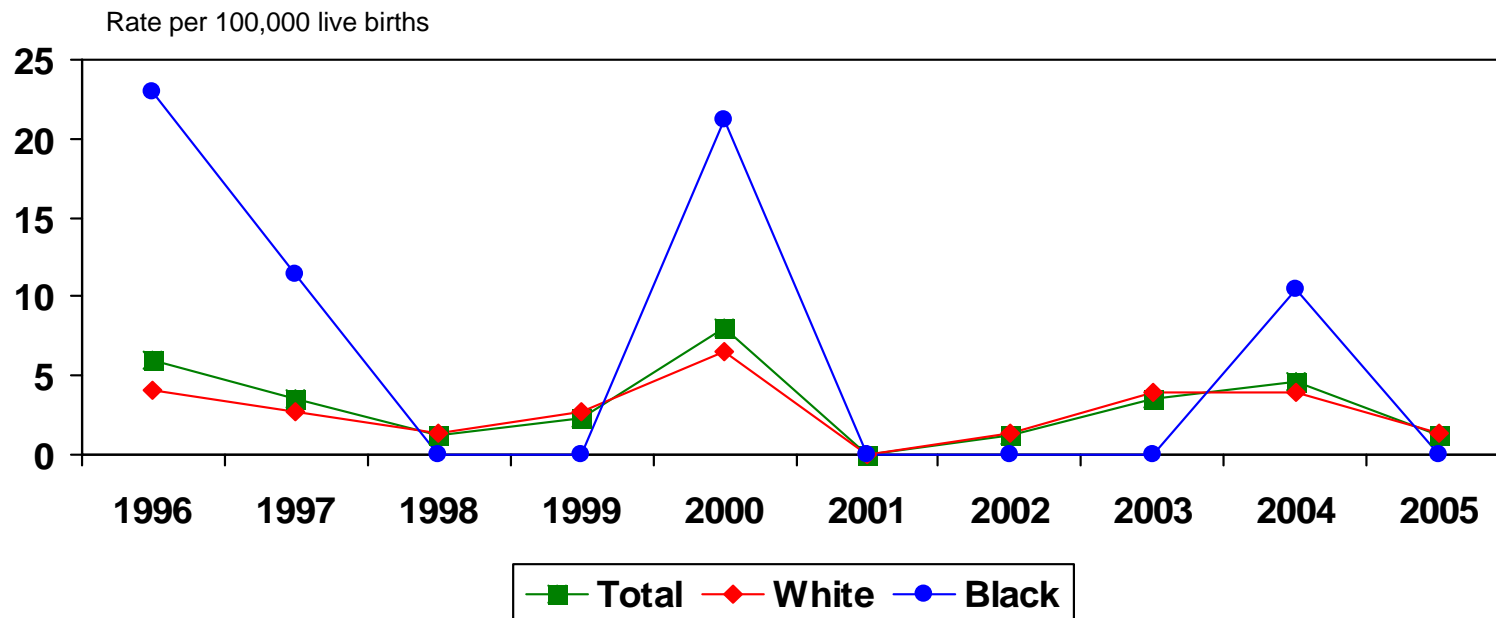


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	19.3	16.5	16.0	14.1	12.9	14.7	12.1	10.6	10.1	12.3
White	7.5	5.5	3.4	5.9	4.2	5.5	4.1	3.6	4.1	4.2
Black	130.0	118.4	130.4	90.5	98.1	105.2	86.7	77.9	64.4	80.9

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Maternal Mortality Rates by Race

Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	6.0*	3.6*	1.2*	2.3*	8.0*	0.0*	1.2*	3.5*	4.6*	1.1*
White	4.1*	2.7*	1.3*	2.7*	6.5*	0.0*	1.4*	4.0*	4.0*	1.3*
Black	22.9*	11.4*	0.0*	0.0*	21.2*	0.0*	0.0*	0.0*	10.4*	0.0*

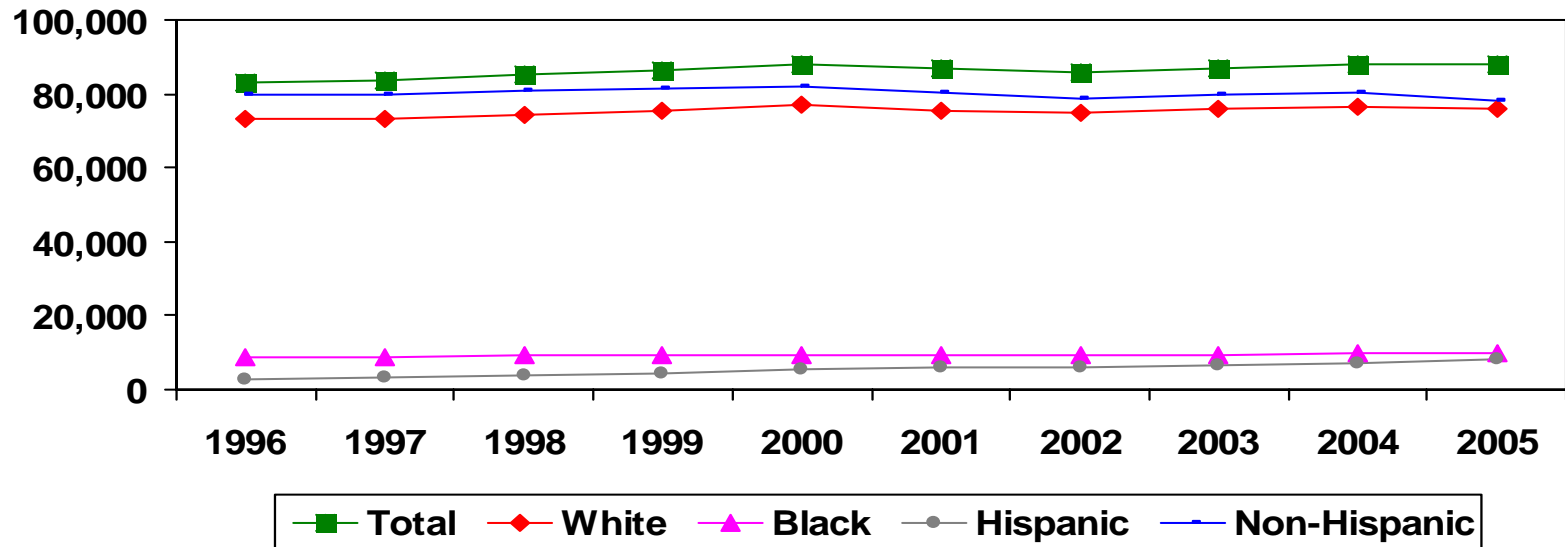
*Numerator is less than 20, and the rate is unstable.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Number of Occurrent Live Births*

by Race and Ethnicity

Indiana, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	83,240	83,427	85,151	86,194	87,948	86,718	85,533	87,128	87,961	87,864
White	73,130	73,353	74,439	75,457	76,974	75,626	74,646	76,143	76,451	76,186
Black	8,755	8,767	9,242	9,263	9,432	9,536	9,300	9,329	9,658	9,882
Hispanic	2,990	3,467	3,827	4,434	5,512	5,913	6,206	6,821	7,322	8,125
Non-Hispanic	79,979	79,577	80,999	81,385	82,088	80,402	78,953	79,911	80,257	79,375

*Live births occurring in Indiana regardless of mother's state of residence.

Notes: Hispanic ethnicity can be of any race.

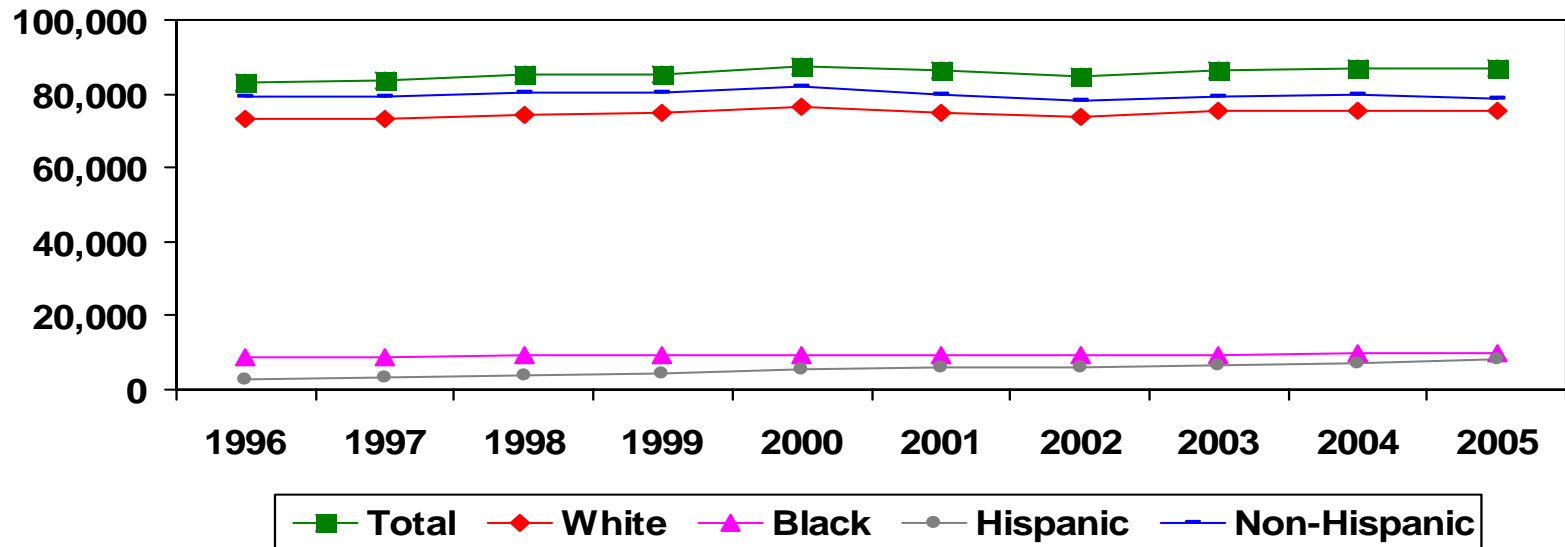
Some updates have been made to the 1997, 2000, and 2001 data.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Number of Resident Live Births*

by Race and Ethnicity

Indiana, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	83,157	83,385	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088
White	73,074	73,344	74,374	74,787	76,753	75,056	74,013	75,422	75,680	75,464
Black	8,746	8,739	9,216	9,244	9,421	9,531	9,243	9,288	9,582	9,820
Hispanic	2,941	3,393	3,781	4,383	5,427	5,865	6,145	6,763	7,237	8,026
Non-Hispanic	79,215	79,178	80,234	80,467	81,947	79,883	78,346	79,261	79,537	78,723

*Live births to Indiana residents regardless of state where mother gave birth.

Note: Hispanic ethnicity can be of any race.

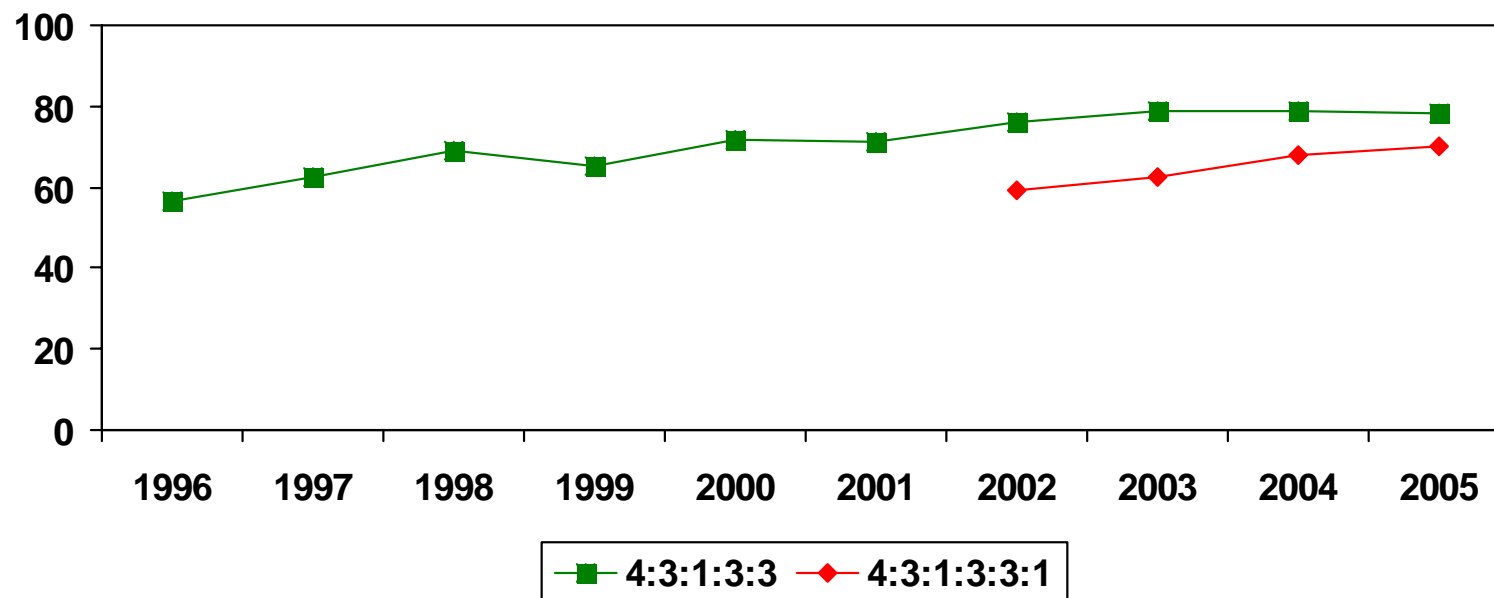
Some updates have been made to the 1998 data.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Immunized 2-Year-Old Children* in Indiana Who Received the 4:3:1:3:3 or 4:3:1:3:3:1 Series of Immunizations

National Immunization Survey, CDC

1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
4:3:1:3:3	56.7	62.7	68.8	65.3	72.0	71.1	76.0	79.0	79.0	78.1
4:3:1:3:3:1	n/a	n/a	n/a	n/a	n/a	n/a	59.4	62.3	68.2	69.9

*2-year-old children refers to children aged 19-35 months according to the National Immunization Survey.

Note: The 4:3:1:3:3 series is four or more doses of DTP, three or more doses of poliovirus vaccine, one or more doses of any MCV, three or more doses of Hib, and three or more doses of HepB.

The 4:3:1:3:3:1 series is four or more doses of DTP, three or more doses of poliovirus vaccine, one or more doses of any MCV, three or more doses of Hib, three or more doses of HepB, and one or more doses of varicella.

Source: U.S. Department of Health & Human Services, Centers for Disease Control and Prevention, National Immunization Survey

**Percent of Immunized 2-Year-Old Children* in Indiana
Who Received the 4:3:1:3:3 Series of Immunizations
National Immunization Survey, CDC
1996-2005**

	Statewide	Indianapolis	Balance of State
January 2005-December 2005	78%	n/a	n/a
January 2004-December 2004	79%	78%	79%
January 2003-December 2003	79%	75%	80%
January 2002-December 2002	76%	74%	76%
January 2001-December 2001	71%	69%	72%
January 2000-December 2000	72%	62%	74%
January 1999-December 1999	65%	64%	66%
January 1998-December 1998	69%	68%	69%
January 1997-December 1997	63%	67%	62%
January 1996-December 1996	57%	60%	56%

*2-year-old children refers to children aged 19-35 months according to the National Immunization Survey.

Note: The 4:3:1:3:3 series is four or more doses of DTP, three or more doses of poliovirus vaccine, one or more doses of any MCV, three or more doses of Hib, and three or more doses of HepB. (DTP is Diphtheria, Tetanus, and Pertussis. MCV is Measles-containing vaccine. Hib is Haemophilus influenzae type b. HepB is hepatitis B vaccine.)

Source: U.S. Department of Health & Human Services, Centers for Disease Control and Prevention, National Immunization Survey

**Percent of Immunized 2-Year-Old Children* in Indiana
Who Received the 4:3:1:3:3:1 Series of Immunizations
National Immunization Survey, CDC
2002-2005**

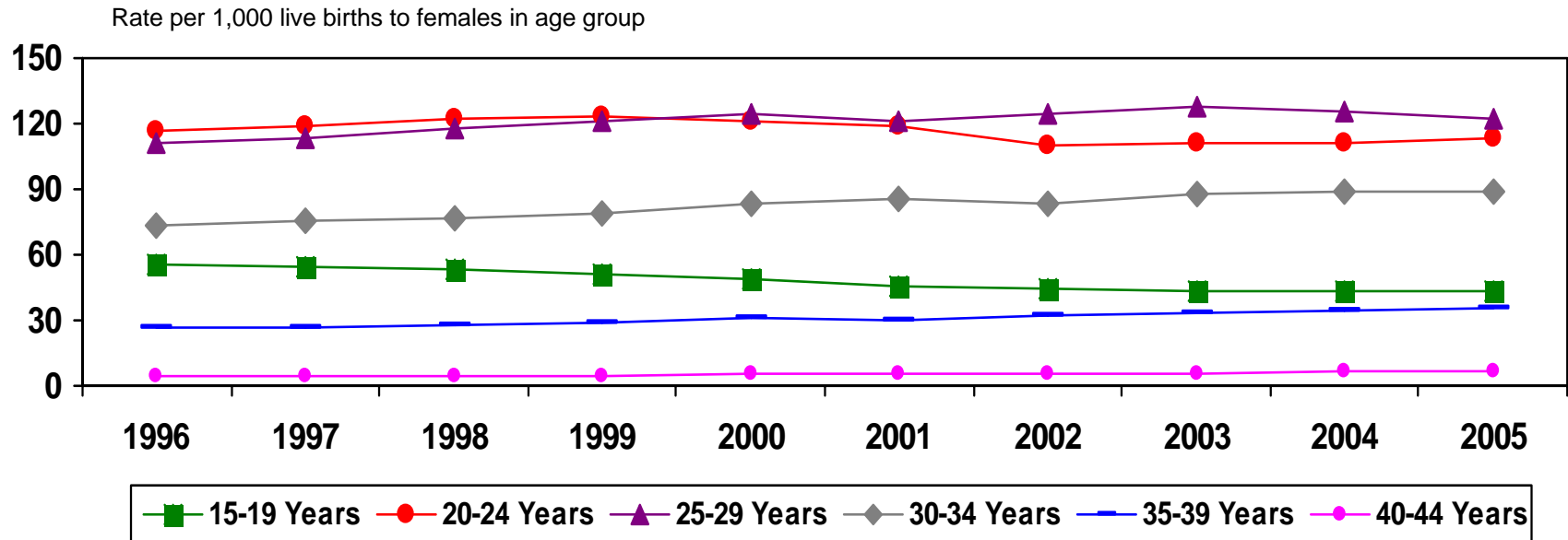
	Statewide	Indianapolis	Balance of State
January 2005-December 2005	70%	n/a	n/a
January 2004-December 2004	68%	74%	67%
January 2003-December 2003	62%	66%	62%
January 2002-December 2002	59%	62%	59%

*2-year-old children refers to children aged 19-35 months according to the National Immunization Survey.

Note: The 4:3:1:3:3:1 series is four or more doses of DTP, three or more doses of poliovirus vaccine, one or more doses of any MCV, three or more doses of Hib, three or more doses of HepB, and one or more doses of varicella. (DTP is Diphtheria, Tetanus, and Pertussis. MCV is Measles-containing vaccine. Hib is Haemophilus influenzae type b. HepB is hepatitis B vaccine. Varicella is chickenpox vaccine.)

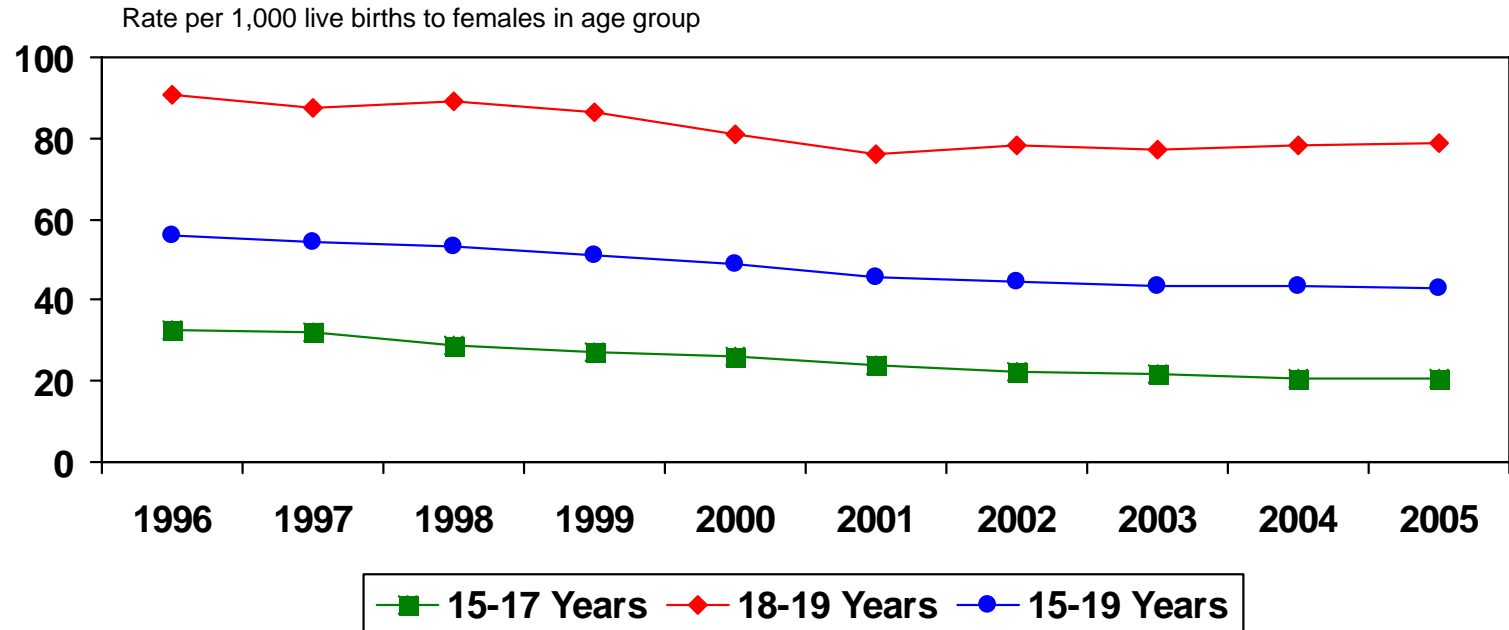
Source: U.S. Department of Health & Human Services, Centers for Disease Control and Prevention, National Immunization Survey

Age-Specific Birth Rates by Age Group for Females Indiana Residents, 1996-2005



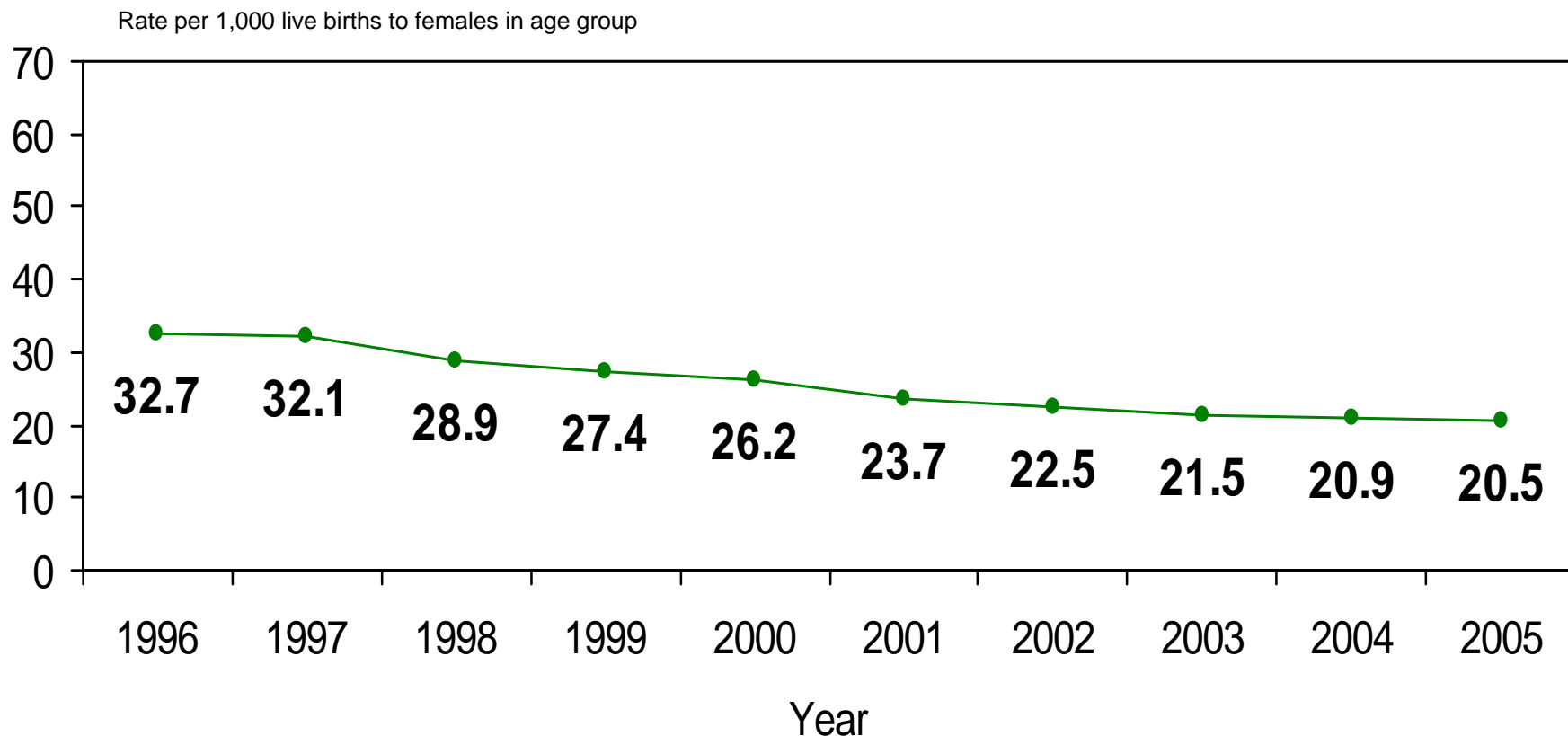
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
15-19 Years	55.8	54.1	53.2	51.3	49.1	45.7	44.5	43.4	43.5	43.2
20-24 Years	117.0	118.7	122.4	123.2	121.5	119.3	110.5	110.8	111.5	113.7
25-29 Years	110.9	112.8	117.4	120.7	124.1	121.3	124.9	127.7	125.4	122.7
30-34 Years	73.8	75.3	76.8	78.5	82.9	85.1	83.4	88.1	88.9	89.1
35-39 Years	26.3	27.2	27.8	29.1	30.9	30.0	32.0	33.4	35.0	35.3
40-44 Years	4.5	4.4	5.0	4.9	5.6	5.5	5.7	6.0	6.6	6.4

Age-Specific Birth Rates by Age Group for Teenage Females Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
15-17 Years	32.7	32.1	28.9	27.4	26.2	23.7	22.5	21.5	20.9	20.5
18-19 Years	90.9	87.5	89.4	86.3	80.8	76.1	78.3	77.2	78.1	78.8
15-19 Years	55.8	54.1	53.2	51.3	49.1	45.7	44.5	43.4	43.5	43.2

Age-Specific Birth Rates Females Aged 15-17 Years Indiana Residents, 1996-2005

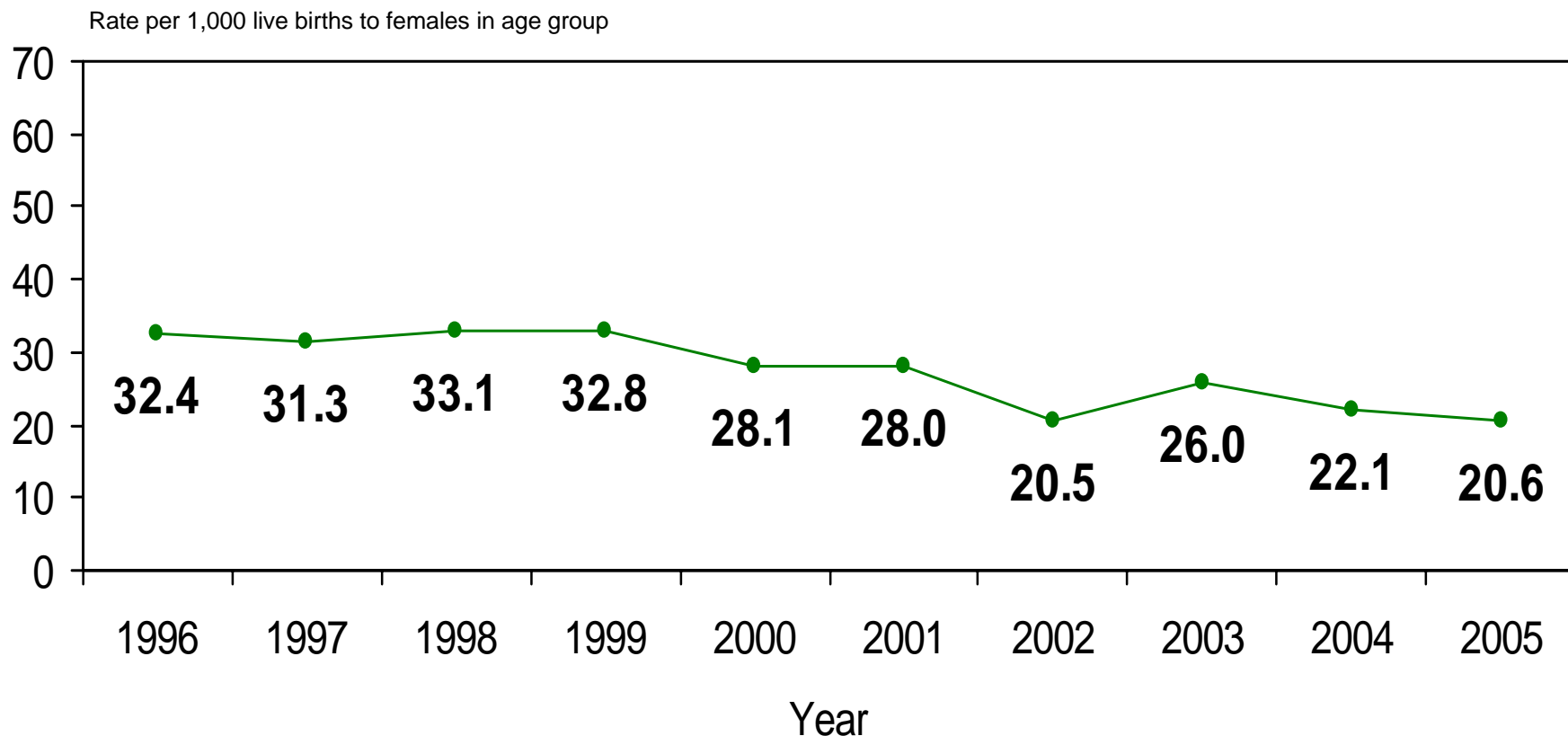


Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Age-Specific Birth Rates

Females Aged 15-17 Years

Allen County Residents, 1996-2005

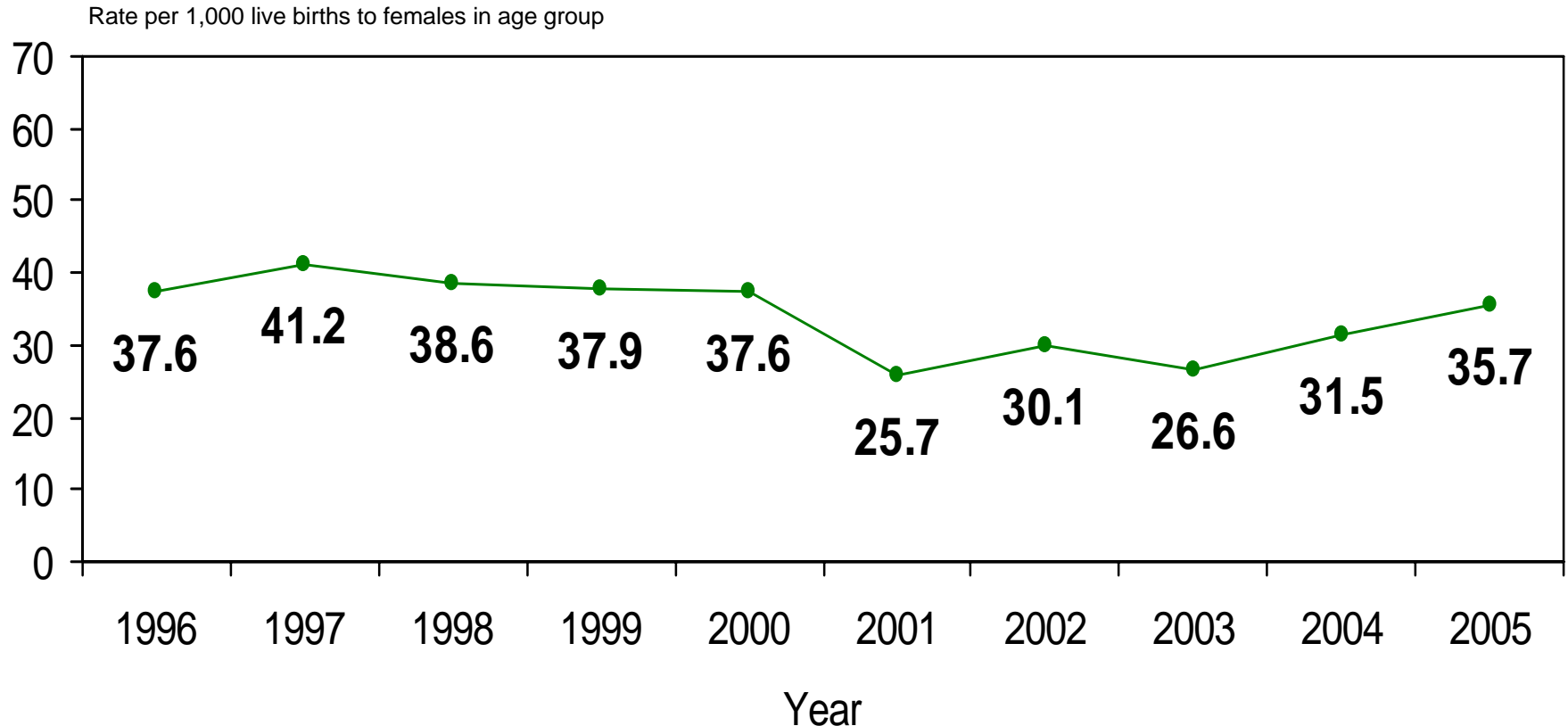


Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Age-Specific Birth Rates

Females Aged 15-17 Years

Elkhart County Residents, 1996-2005

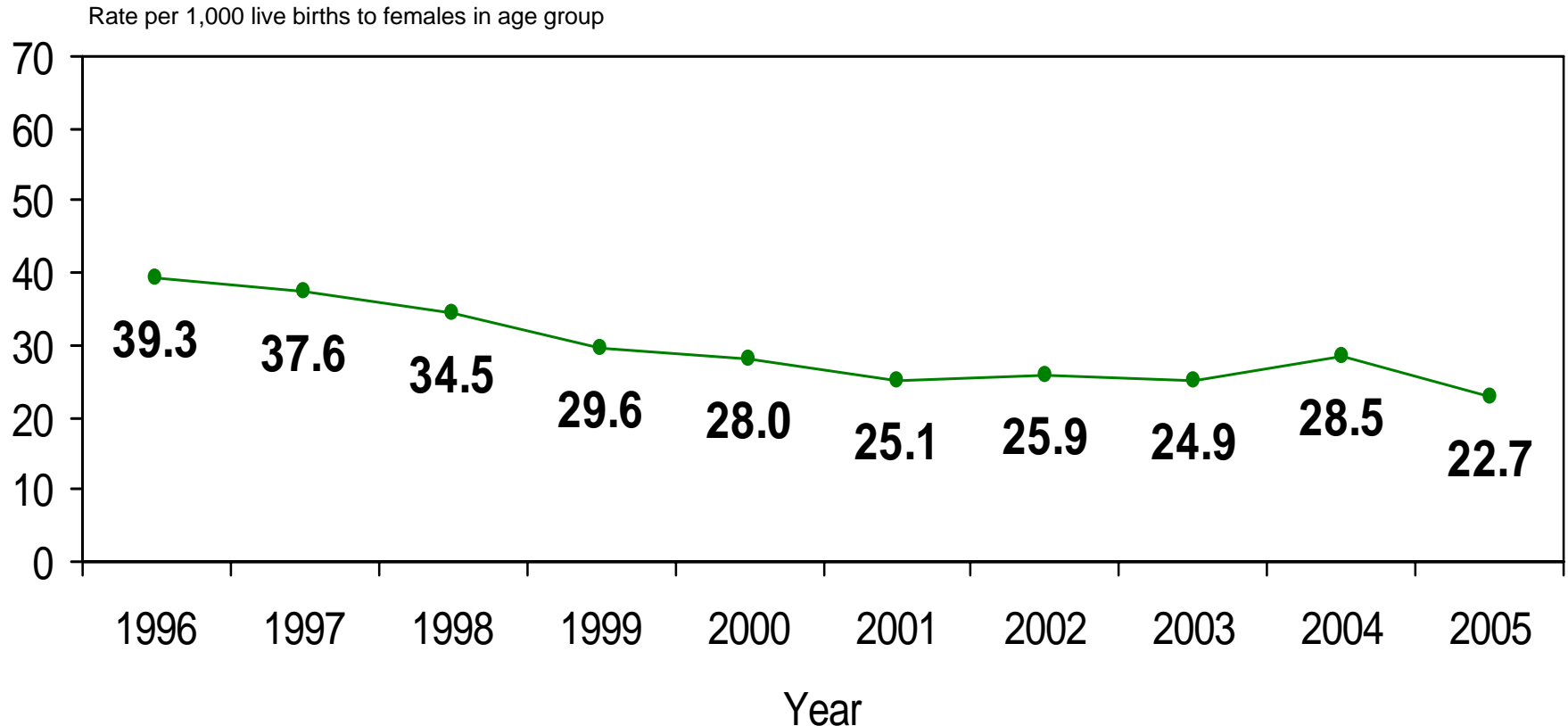


Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Age-Specific Birth Rates

Females Aged 15-17 Years

Lake County Residents, 1996-2005

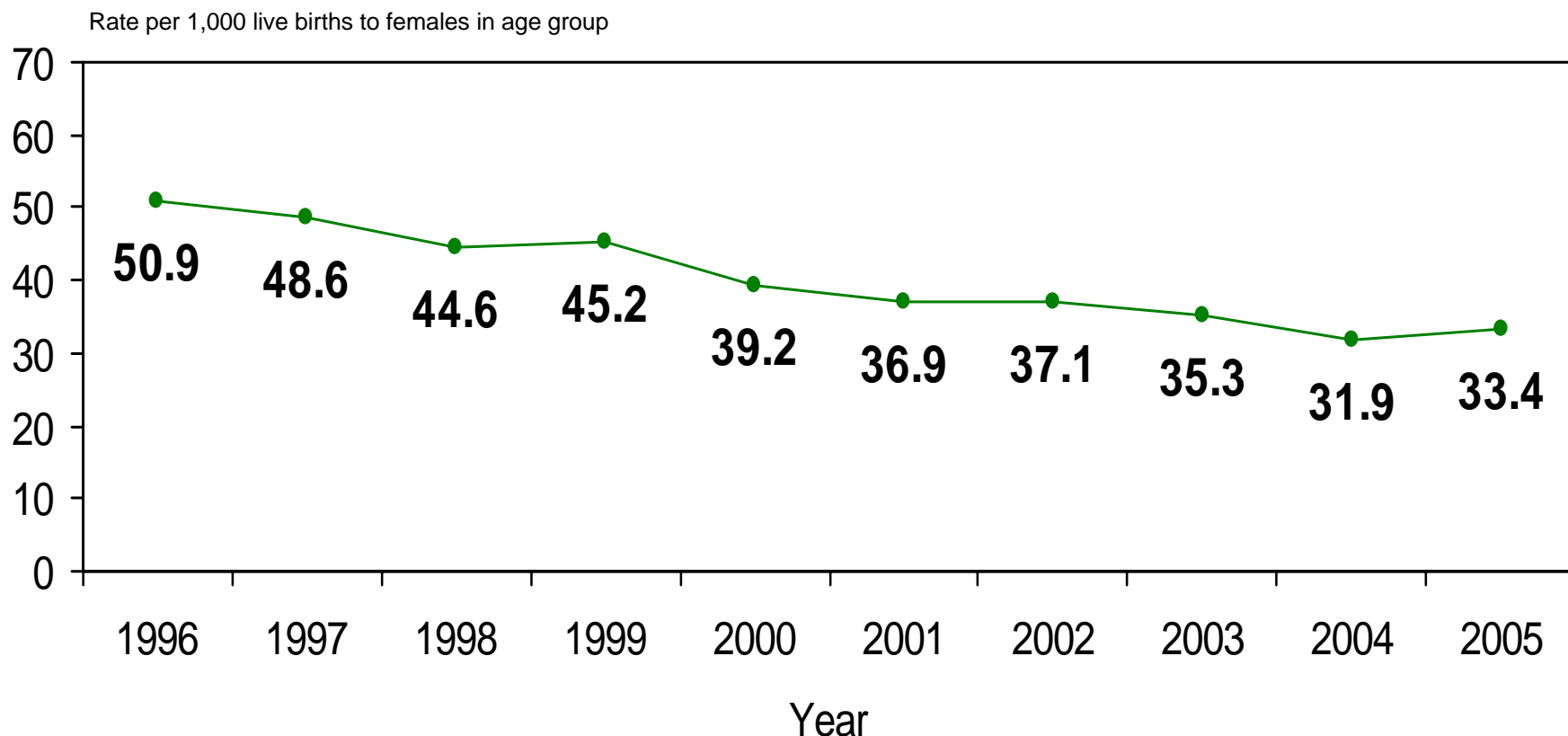


Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Age-Specific Birth Rates

Females Aged 15-17 Years

Marion County Residents, 1996-2005

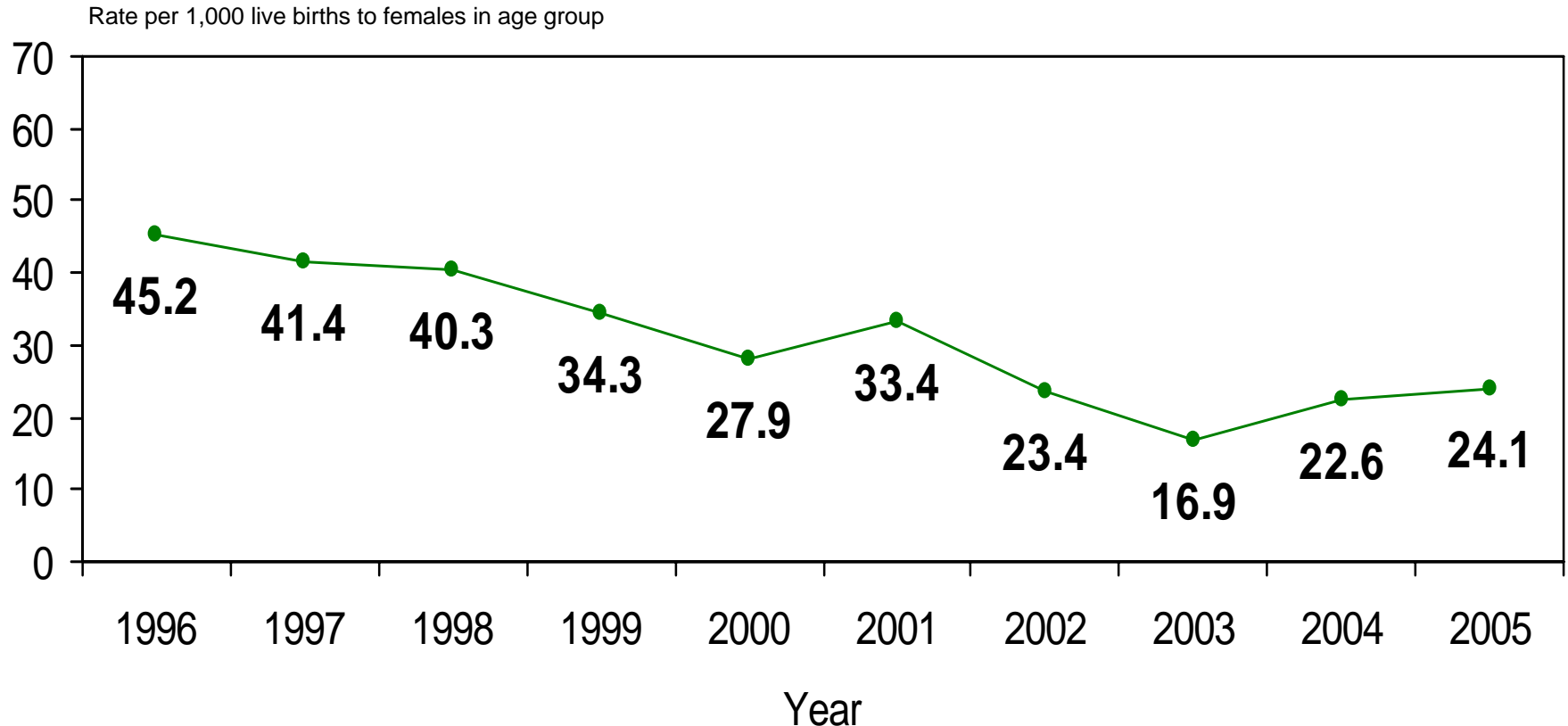


Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Age-Specific Birth Rates

Females Aged 15-17 Years

St. Joseph County Residents, 1996-2005

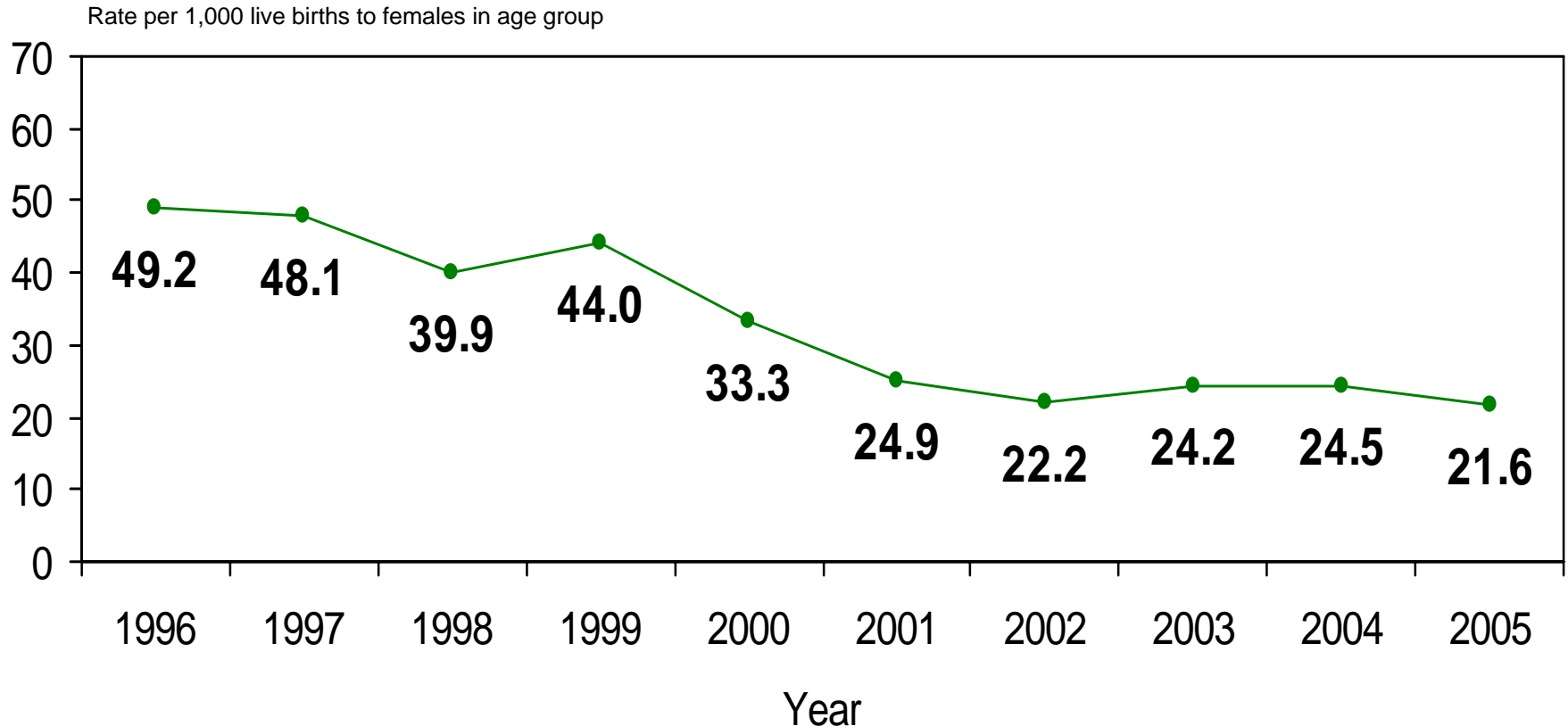


Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Age-Specific Birth Rates

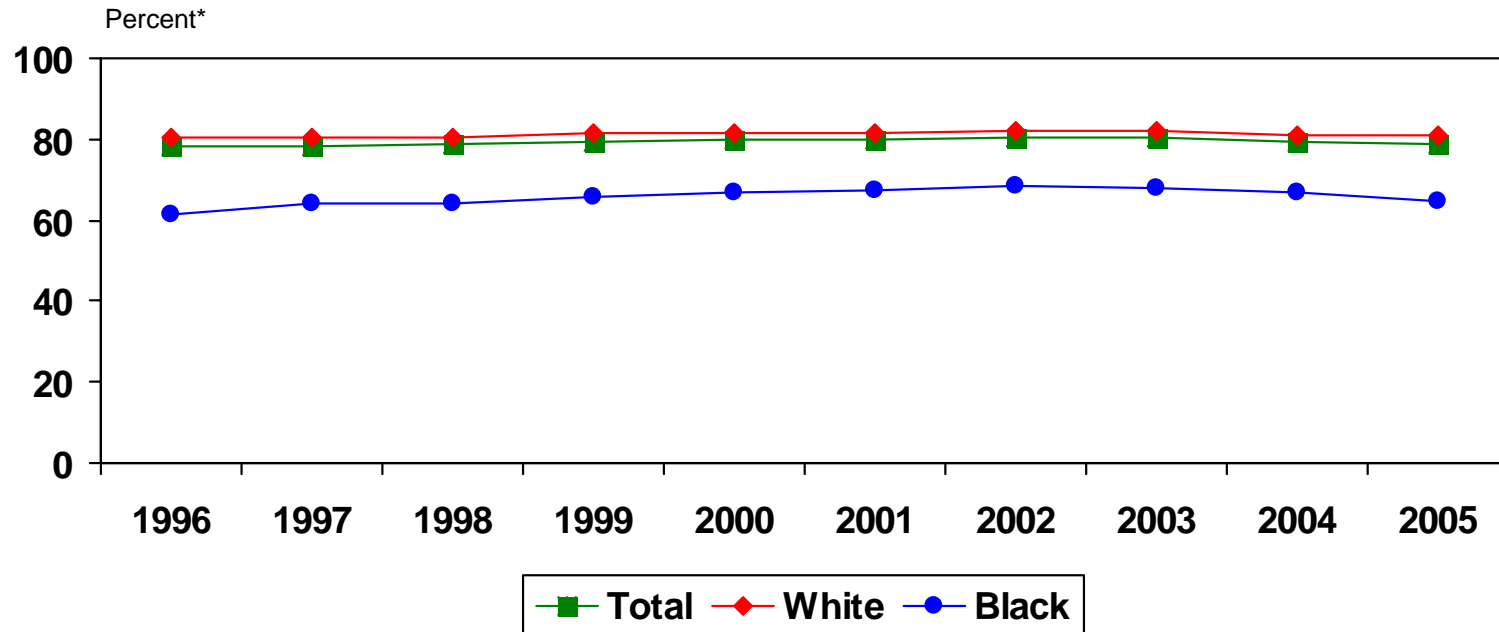
Females Aged 15-17 Years

Vanderburgh County Residents, 1996-2005



Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race Indiana Residents, 1996-2005



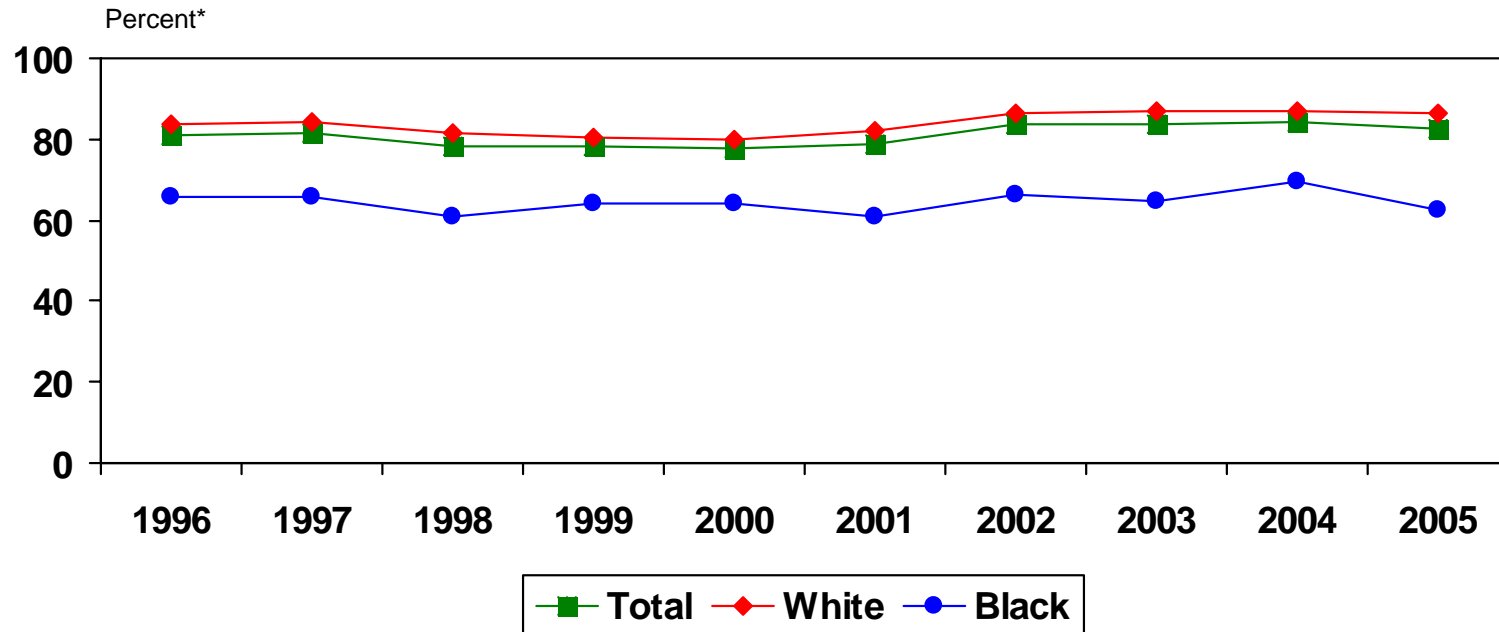
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	78.5	78.5	78.7	79.5	80.0	79.8	80.5	80.6	79.3	78.9
White	80.6	80.3	80.6	81.3	81.6	81.4	82.1	82.1	80.8	80.8
Black	61.6	64.0	63.9	65.5	67.1	67.6	68.6	68.2	67.1	64.8

*The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race

Allen County Residents, 1996-2005

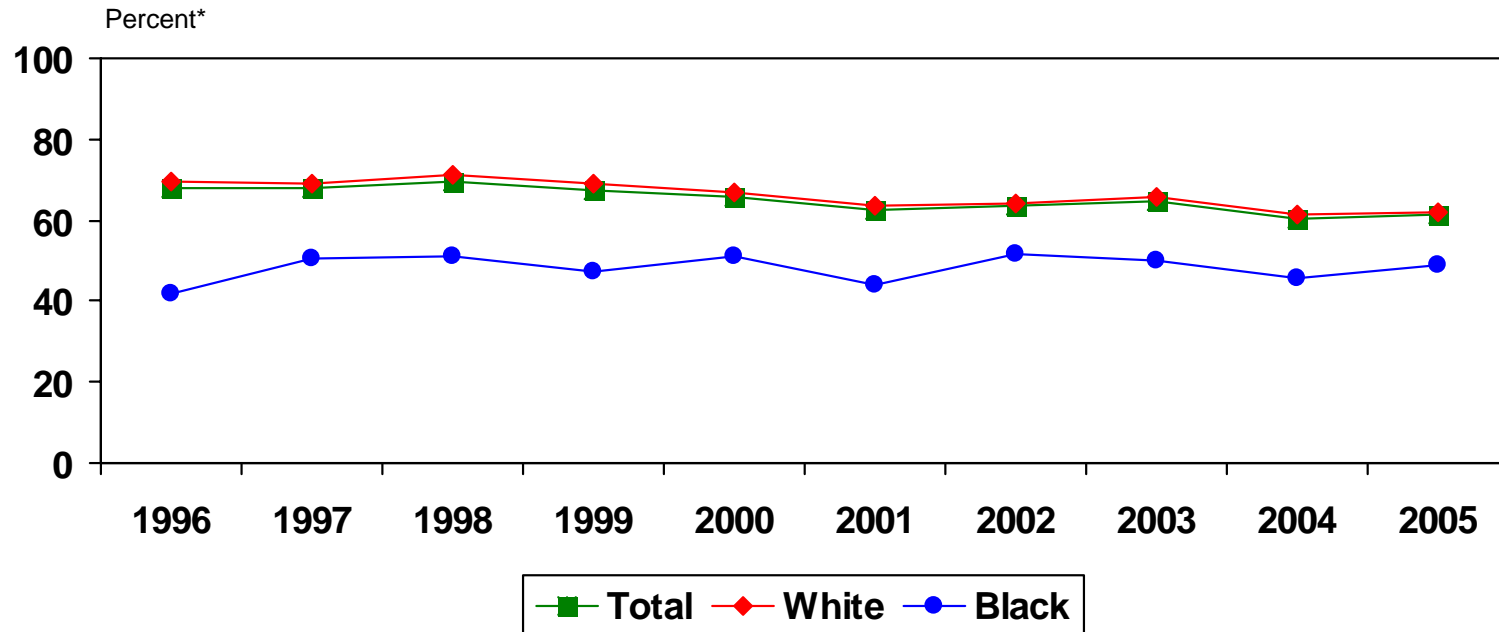


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	80.8	81.4	78.3	78.2	77.5	78.9	83.5	83.9	84.2	82.8
White	83.5	84.5	81.5	80.7	79.7	82.3	86.4	87.1	86.8	86.3
Black	65.9	66.0	61.0	64.3	64.3	61.0	66.2	64.6	69.5	62.6

*The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race Elkhart County Residents, 1996-2005

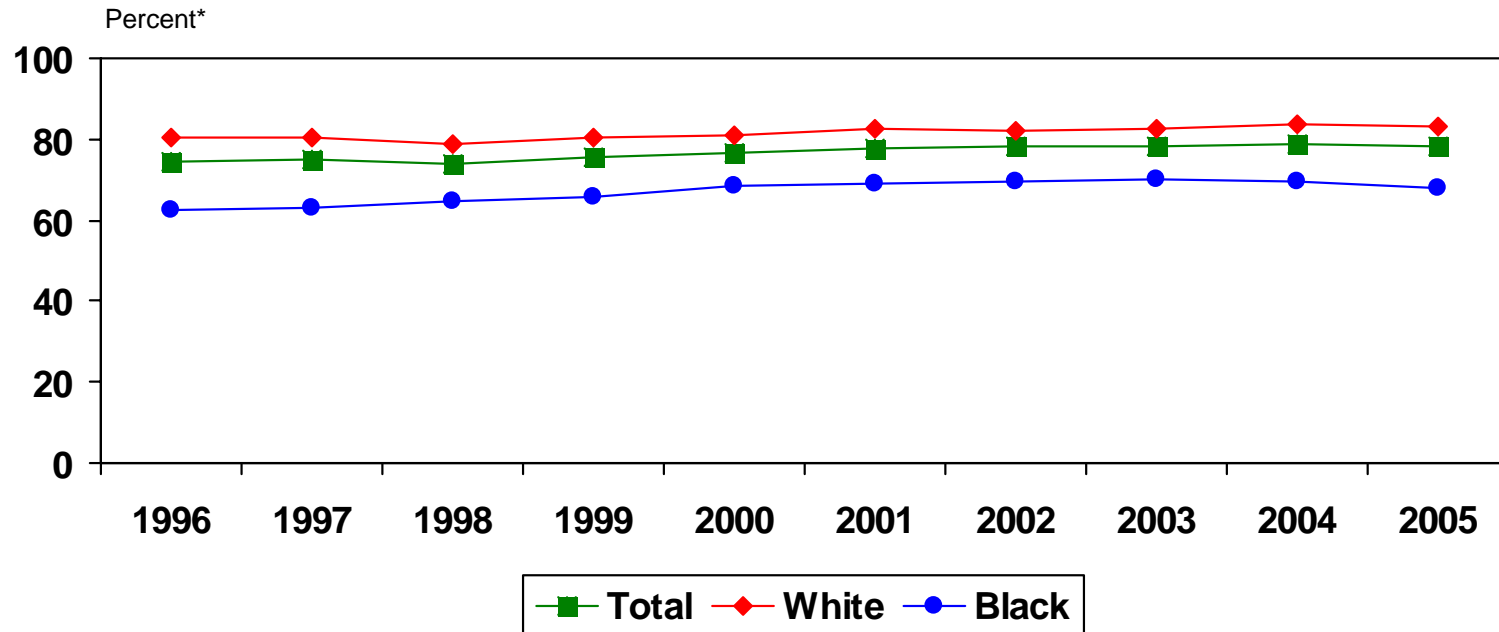


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	67.9	67.9	69.8	67.6	65.8	62.4	63.5	64.6	60.5	61.3
White	69.4	69.1	71.2	69.1	66.7	63.6	64.3	65.5	61.4	62.0
Black	41.9	50.5	50.9	47.4	50.9	44.1	51.5	50.0	45.9	49.1

*The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race Lake County Residents, 1996-2005

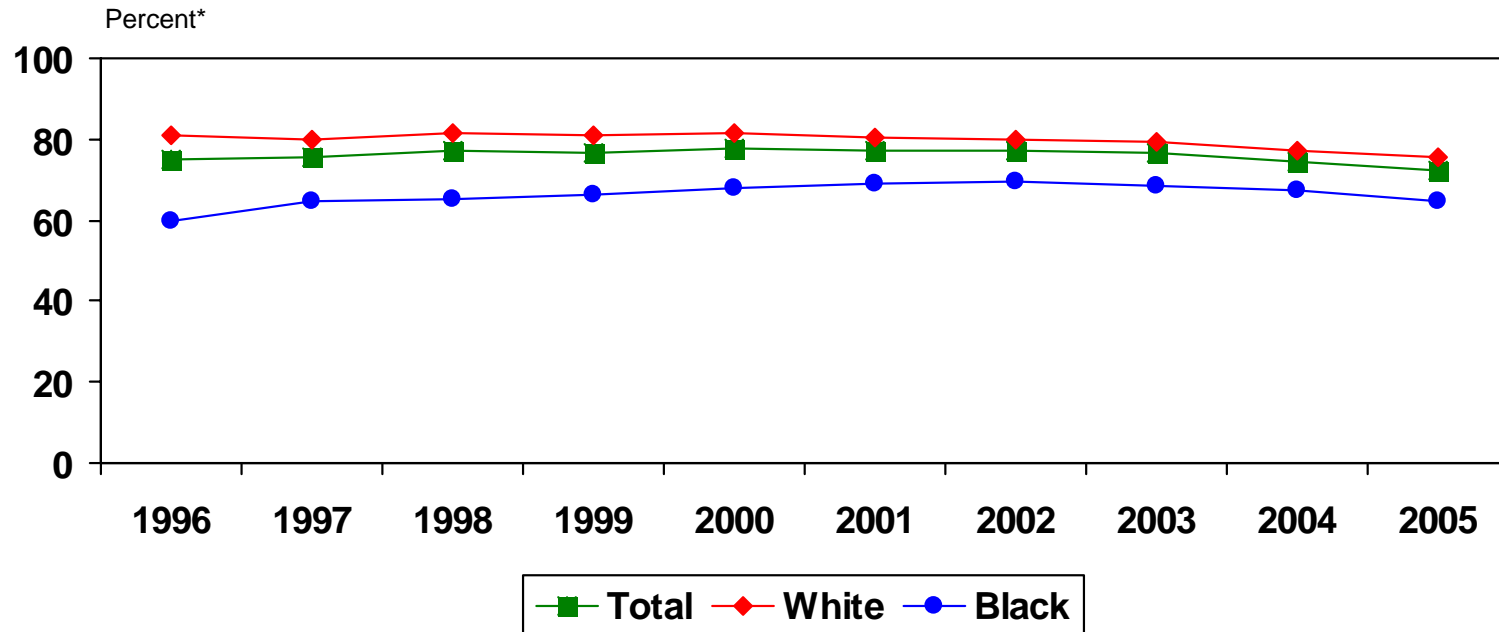


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	74.6	74.9	74.1	75.7	76.9	77.9	78.2	78.5	79.0	78.1
White	80.3	80.2	78.8	80.5	81.1	82.4	82.3	82.7	83.5	82.9
Black	62.4	63.3	64.5	65.8	68.3	69.0	69.4	69.9	69.5	67.8

*The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race Marion County Residents, 1996-2005

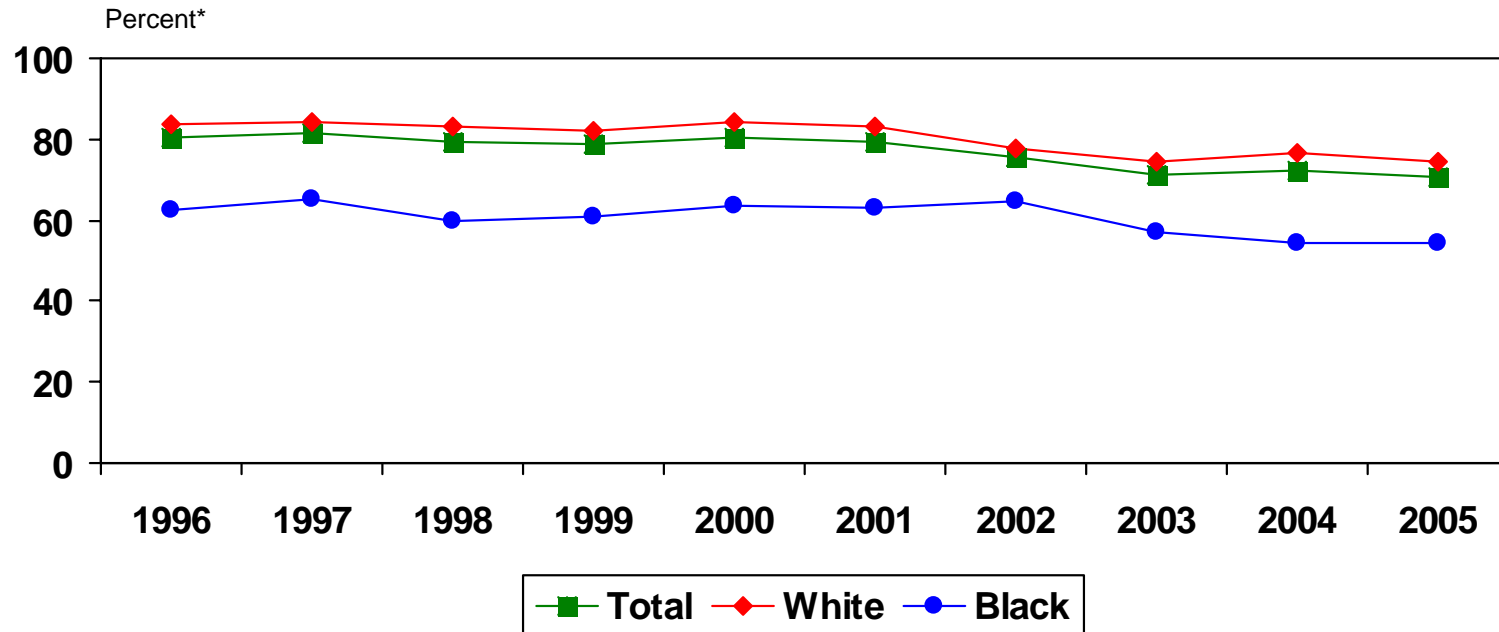


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	75.1	75.7	77.0	76.9	77.5	77.1	77.0	76.4	74.6	72.4
White	80.9	79.8	81.5	81.0	81.5	80.4	80.1	79.3	77.4	75.5
Black	59.7	64.5	65.4	66.5	68.0	69.2	69.3	68.7	67.3	64.6

*The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race St. Joseph County Residents, 1996-2005

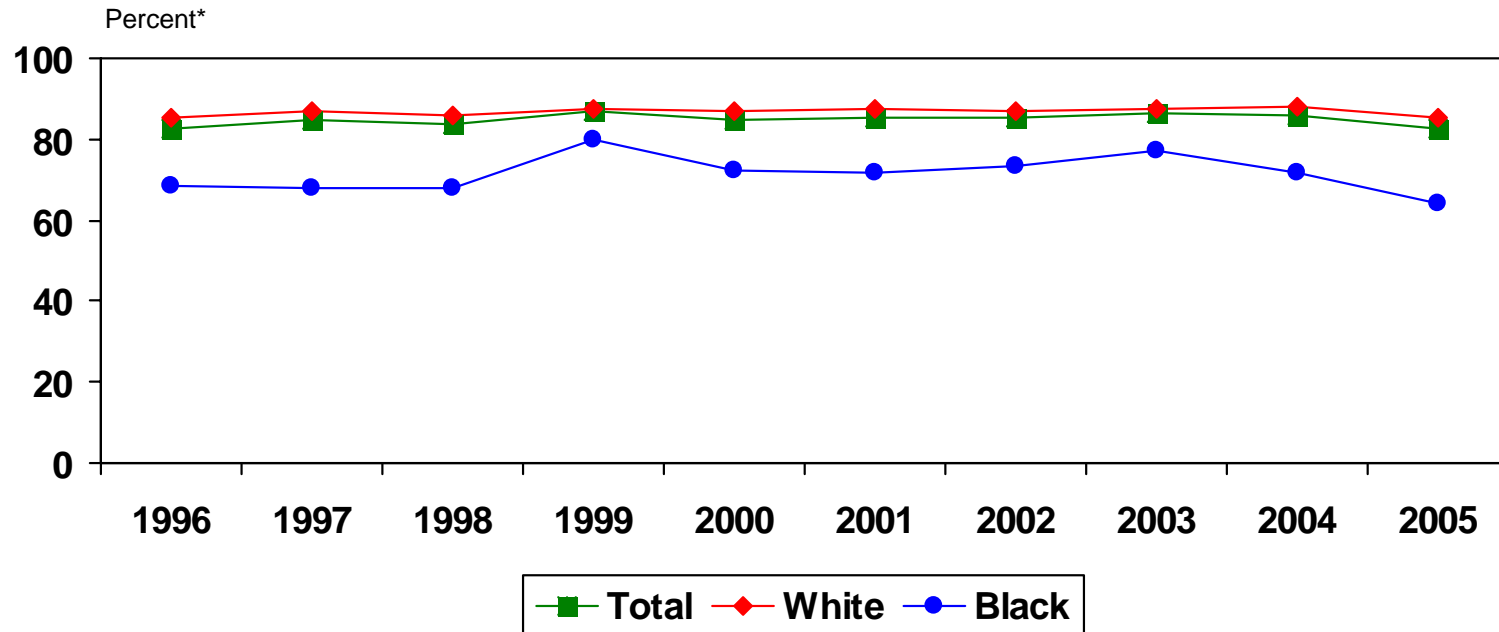


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	80.3	81.3	79.2	78.8	80.5	79.5	75.5	71.3	72.5	70.8
White	83.7	84.4	82.9	82.3	84.0	83.2	77.9	74.7	76.5	74.6
Black	62.3	65.2	60.0	60.7	63.8	63.1	64.5	56.9	54.3	54.5

*The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester, by Race Vanderburgh County Residents, 1996-2005



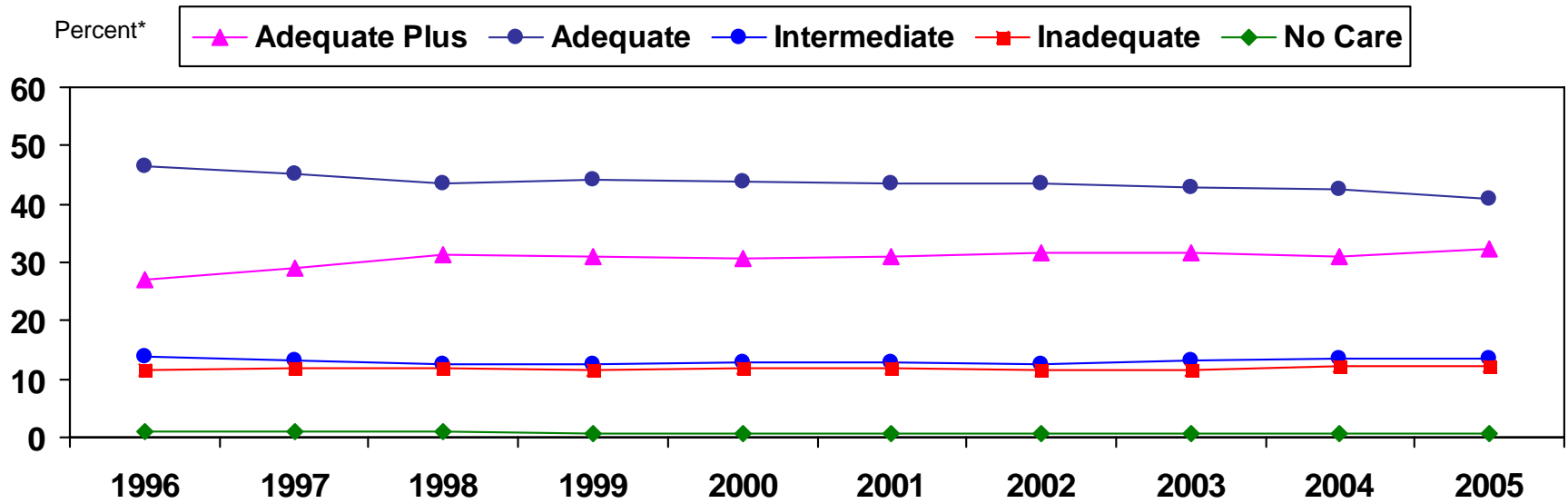
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	82.8	84.6	83.5	86.7	84.8	85.3	85.1	86.2	85.8	82.6
White	85.2	87.0	85.9	87.7	86.7	87.4	86.9	87.4	87.9	85.5
Black	68.5	68.1	68.0	79.8	72.5	71.8	73.5	77.1	71.6	64.4

*The values are percentages of live births and include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Adequacy of Prenatal Care Utilization (Kotelchuck Index)

All Races, Indiana Residents, 1996-2005



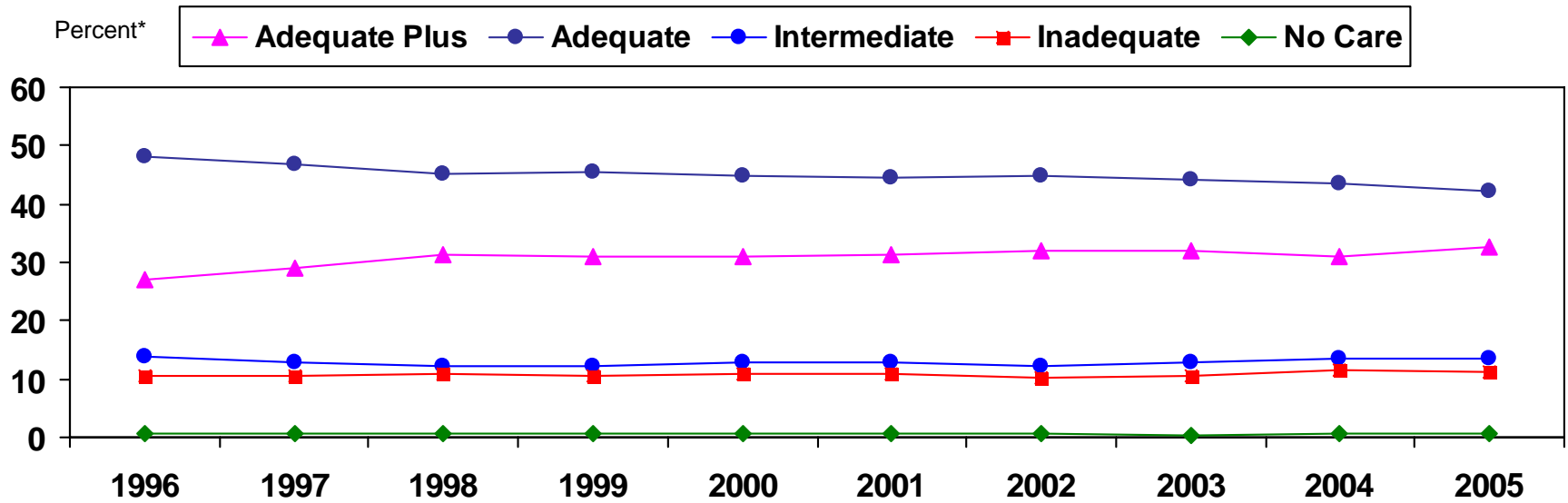
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Adequate Plus	27.1	28.9	31.2	31.1	30.8	31.0	31.8	31.8	31.0	32.4
Adequate	46.5	45.3	43.5	44.2	43.7	43.4	43.6	42.9	42.4	41.0
Intermediate	13.8	13.1	12.4	12.4	12.9	13.0	12.5	13.2	13.6	13.6
Inadequate	11.7	11.9	12.0	11.7	11.8	11.9	11.4	11.5	12.3	12.3
No Care	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.8	0.7

*The values are percentages of live births and do not include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Adequacy of Prenatal Care Utilization (Kotelchuck Index)

White Population, Indiana Residents, 1996-2005



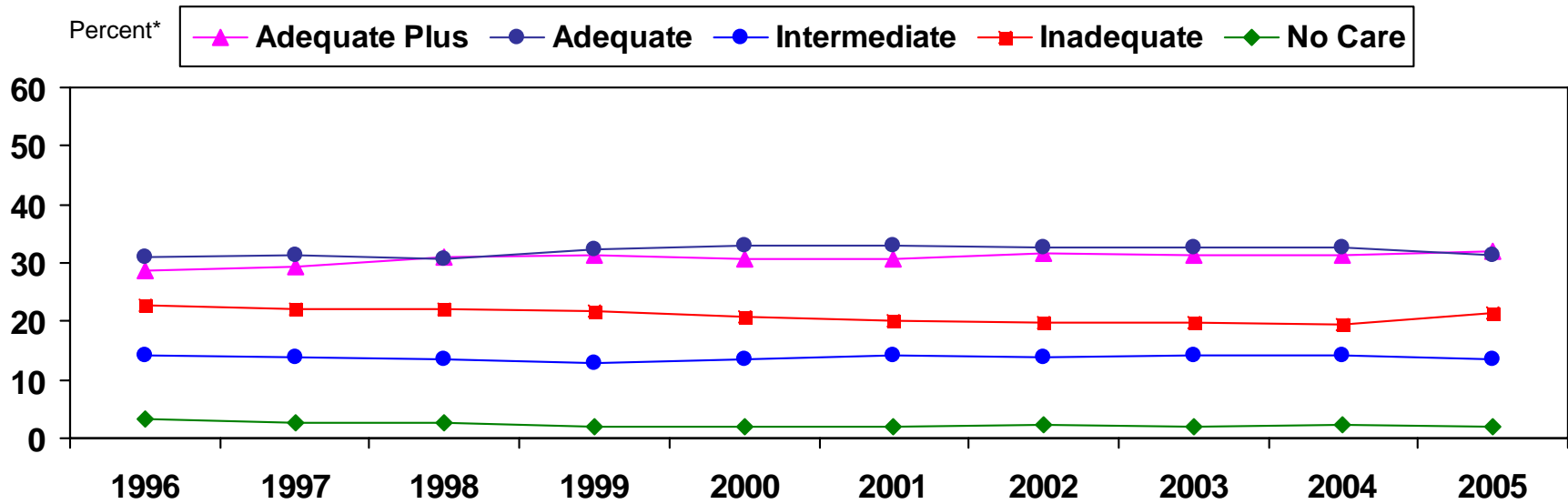
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Adequate Plus	27.0	28.9	31.2	31.1	30.9	31.2	31.9	32.0	31.0	32.6
Adequate	48.2	46.8	45.1	45.6	45.0	44.6	45.0	44.1	43.6	42.1
Intermediate	13.7	12.9	12.3	12.3	12.8	12.8	12.3	13.0	13.4	13.6
Inadequate	10.4	10.7	10.8	10.4	10.8	10.8	10.3	10.5	11.4	11.2
No Care	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.4	0.6	0.5

*The values are percentages of live births and do not include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Adequacy of Prenatal Care Utilization (Kotelchuck Index)

Black Population, Indiana Residents, 1996-2005

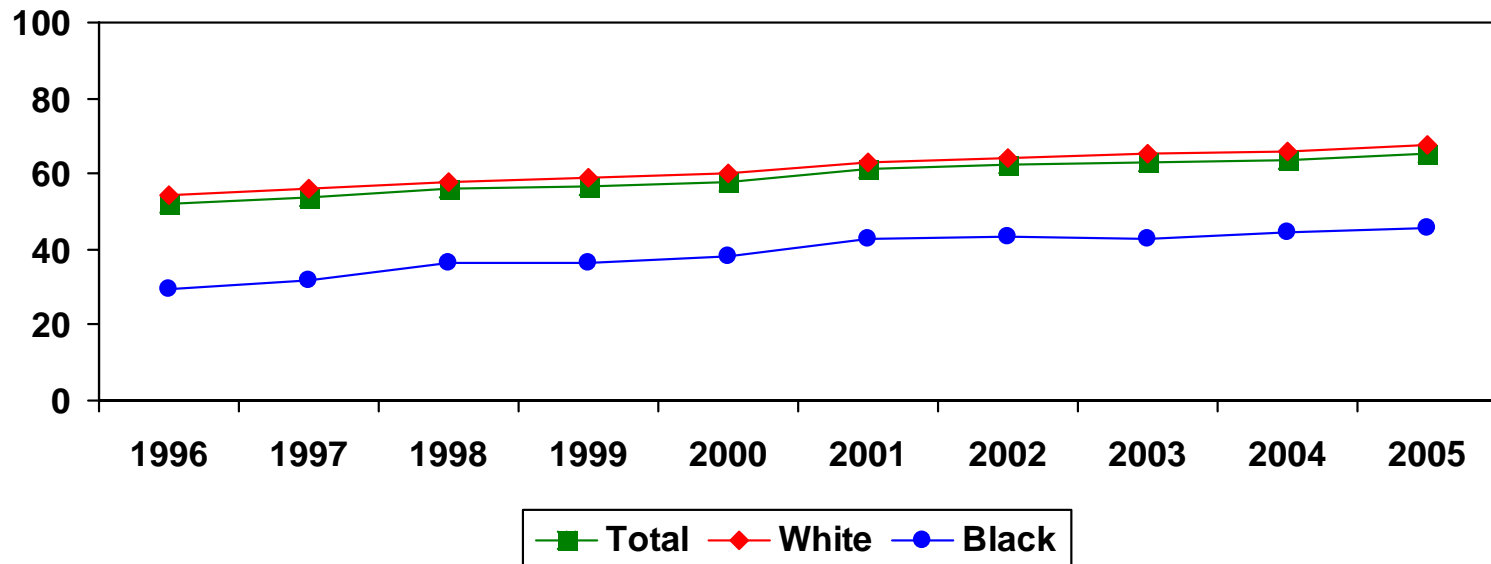


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Adequate Plus	28.6	29.5	30.9	31.3	30.7	30.5	31.6	31.4	31.4	32.0
Adequate	31.1	31.4	30.7	32.2	33.0	33.0	32.6	32.6	32.5	31.3
Intermediate	14.3	14.0	13.4	12.7	13.5	14.1	13.7	14.1	14.3	13.4
Inadequate	22.8	22.2	22.2	21.7	20.7	20.2	19.8	19.7	19.4	21.3
No Care	3.2	2.8	2.8	2.1	2.1	2.1	2.4	2.1	2.4	2.1

*The values are percentages of live births and do not include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

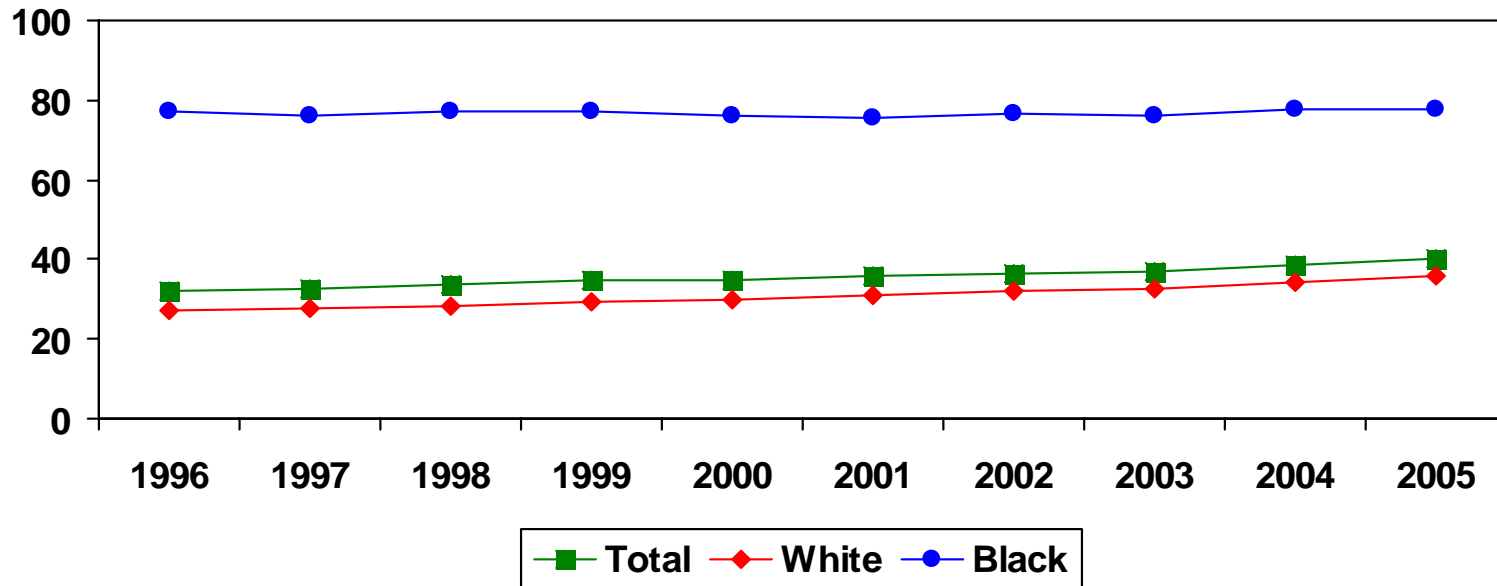
Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Race Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	52.2	53.8	55.9	56.8	58.0	61.1	62.4	63.2	63.8	65.3
White	54.6	56.1	58.0	59.0	60.2	63.1	64.4	65.5	65.8	67.6
Black	29.5	31.9	36.6	36.4	38.1	42.9	43.5	42.6	44.6	45.5

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

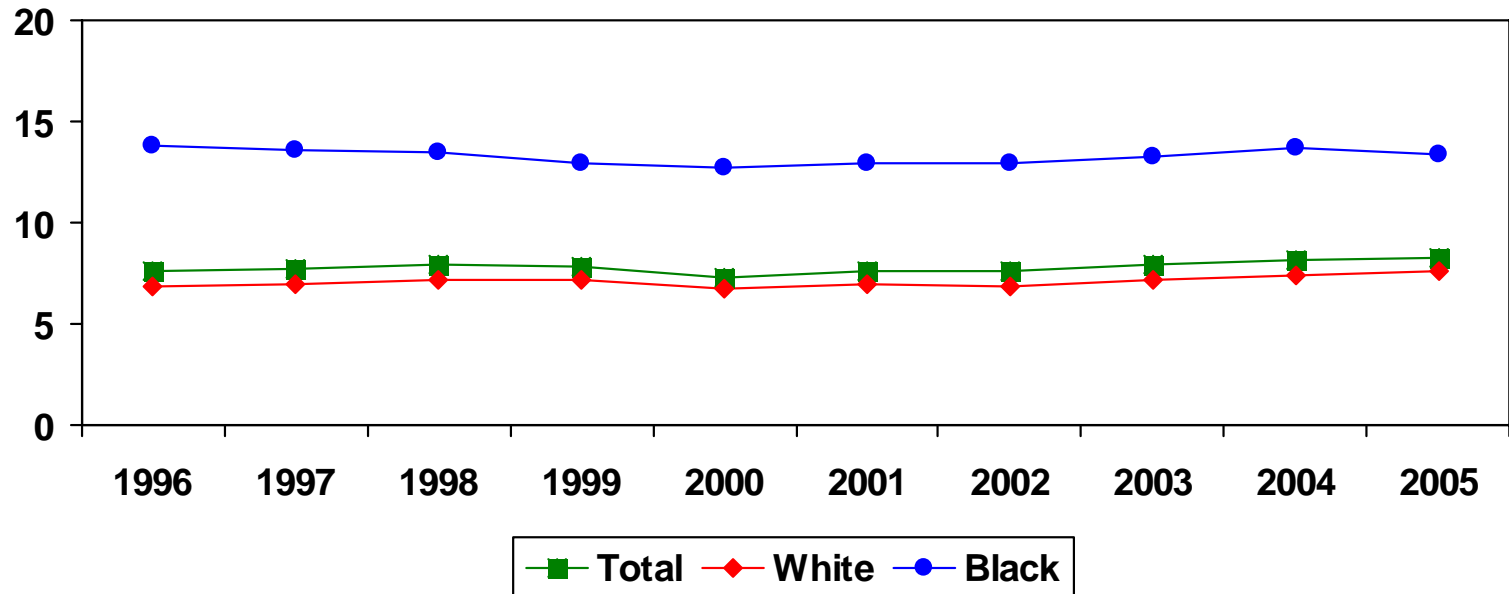
Percent of Live Births to Unmarried Mothers by Race of Mother Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	32.3	32.6	33.6	34.6	34.6	35.6	36.5	37.1	38.8	40.1
White	27.2	27.6	28.4	29.6	29.8	30.9	31.9	32.6	34.4	35.8
Black	77.3	76.0	77.3	77.0	75.9	75.8	76.5	76.3	77.9	77.7

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Low Birthweight Infants by Race of Mother Indiana Residents, 1996-2005

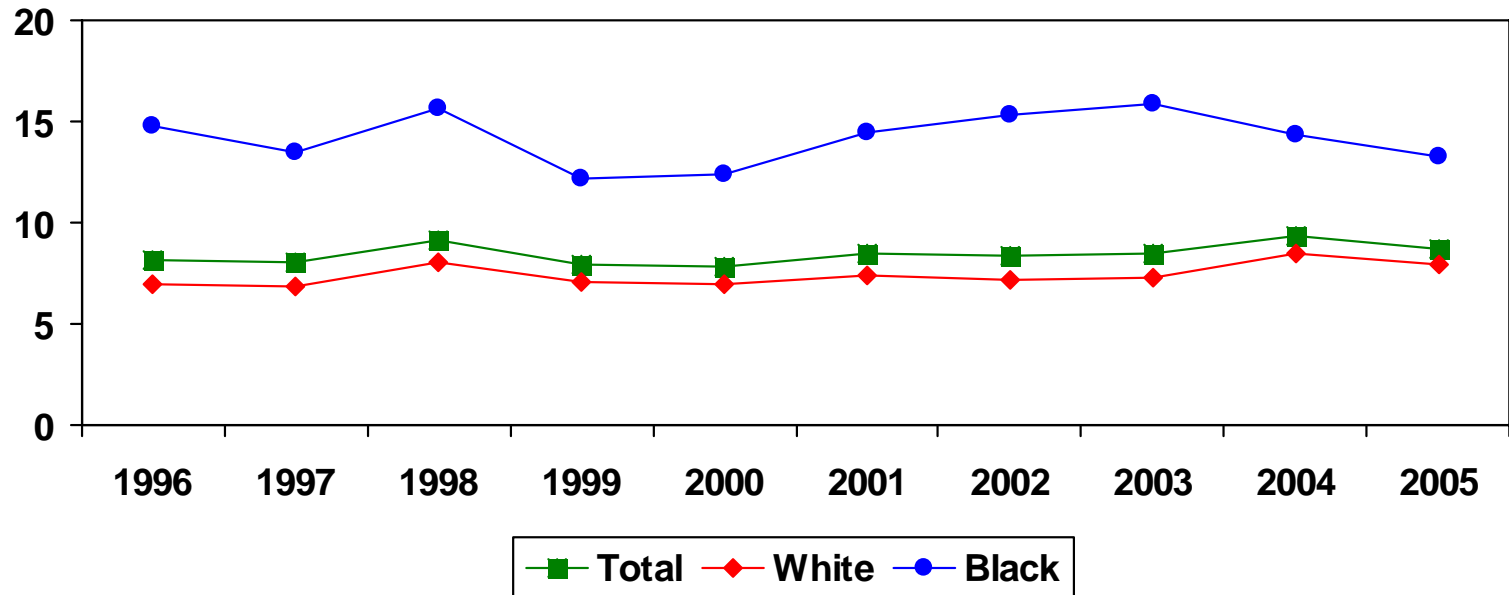


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	7.6	7.7	7.9	7.8	7.3	7.6	7.6	7.9	8.1	8.3
White	6.8	7.0	7.2	7.2	6.7	7.0	6.9	7.2	7.4	7.6
Black	13.8	13.6	13.5	12.9	12.7	12.9	12.9	13.3	13.7	13.4

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Low Birthweight Infants by Race of Mother Allen County Residents, 1996-2005

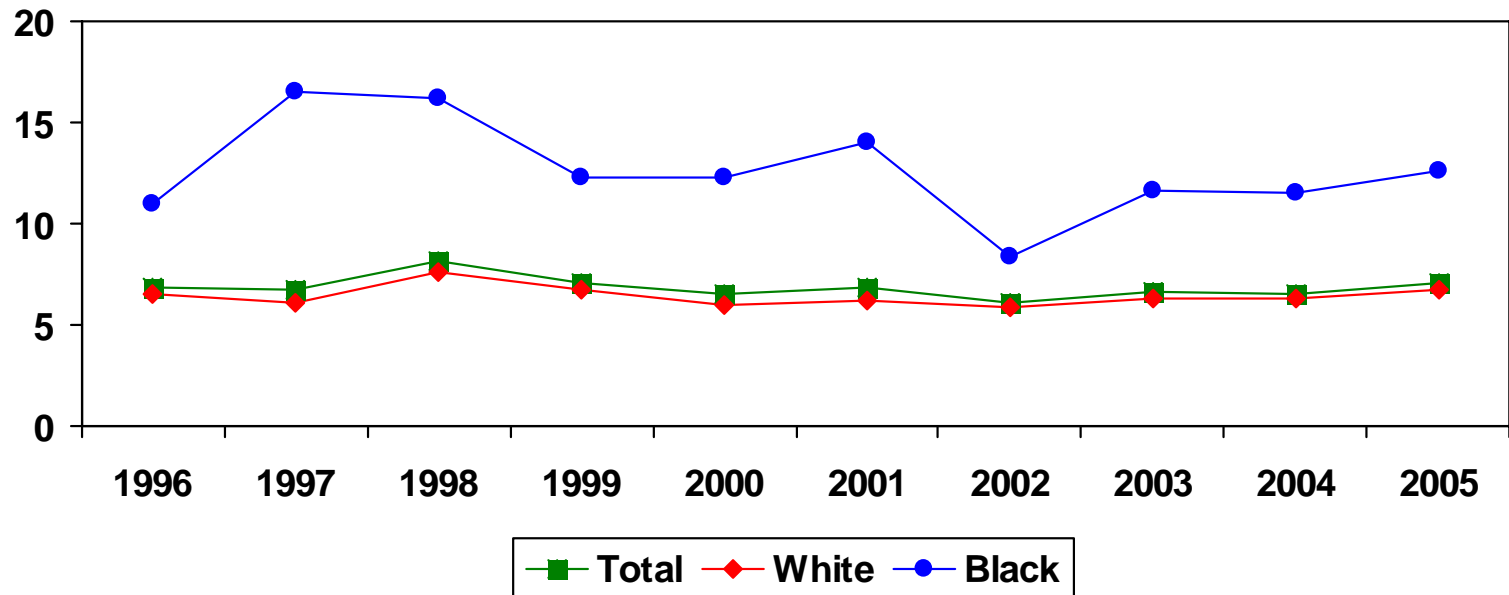


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	8.1	8.0	9.1	7.9	7.8	8.5	8.4	8.5	9.4	8.7
White	7.0	6.9	8.0	7.1	7.0	7.4	7.2	7.3	8.5	7.9
Black	14.8	13.5	15.6	12.2	12.4	14.5	15.3	15.9	14.3	13.3

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Low Birthweight Infants by Race of Mother Elkhart County Residents, 1996-2005



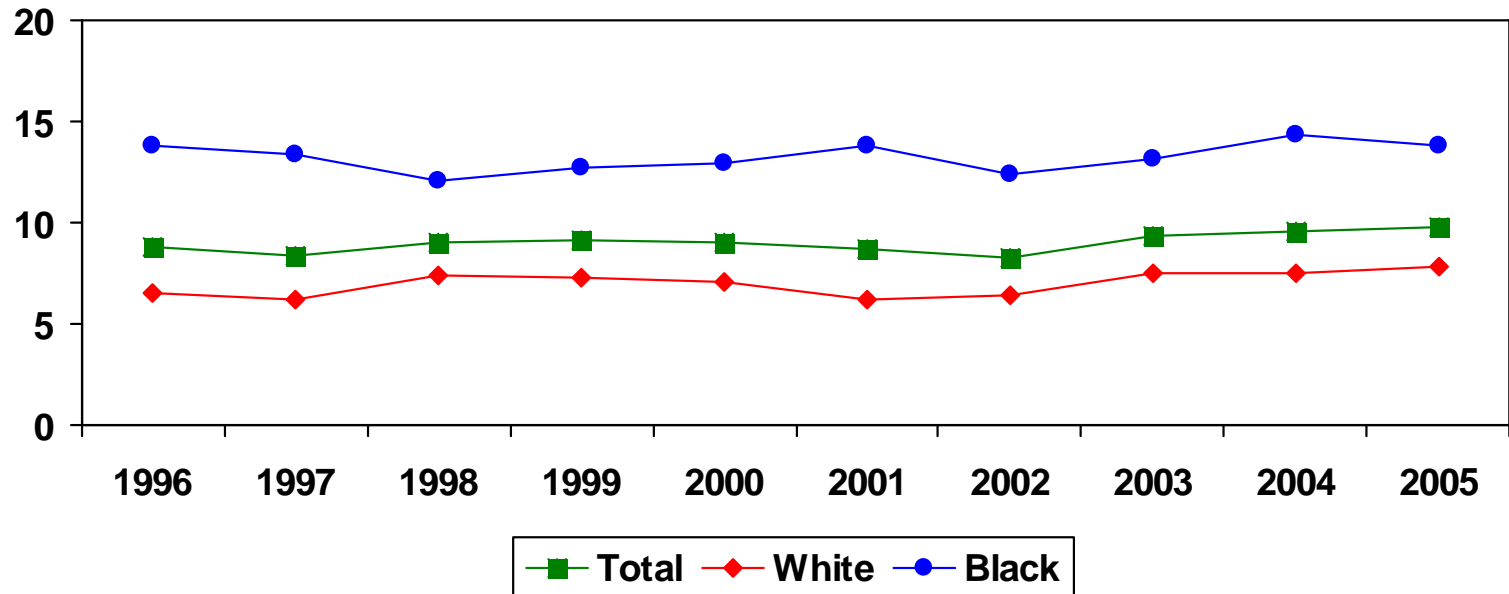
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	6.8	6.7	8.2	7.1	6.5	6.8	6.1	6.6	6.5	7.1
White	6.5	6.1	7.6	6.7	6.0	6.2	5.9	6.3	6.3	6.7
Black	11.0*	16.5	16.2	12.3	12.3	14.0	8.4*	11.6	11.5	12.6

*Numerator is less than 20, and the percent is unstable.

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Low Birthweight Infants by Race of Mother Lake County Residents, 1996-2005



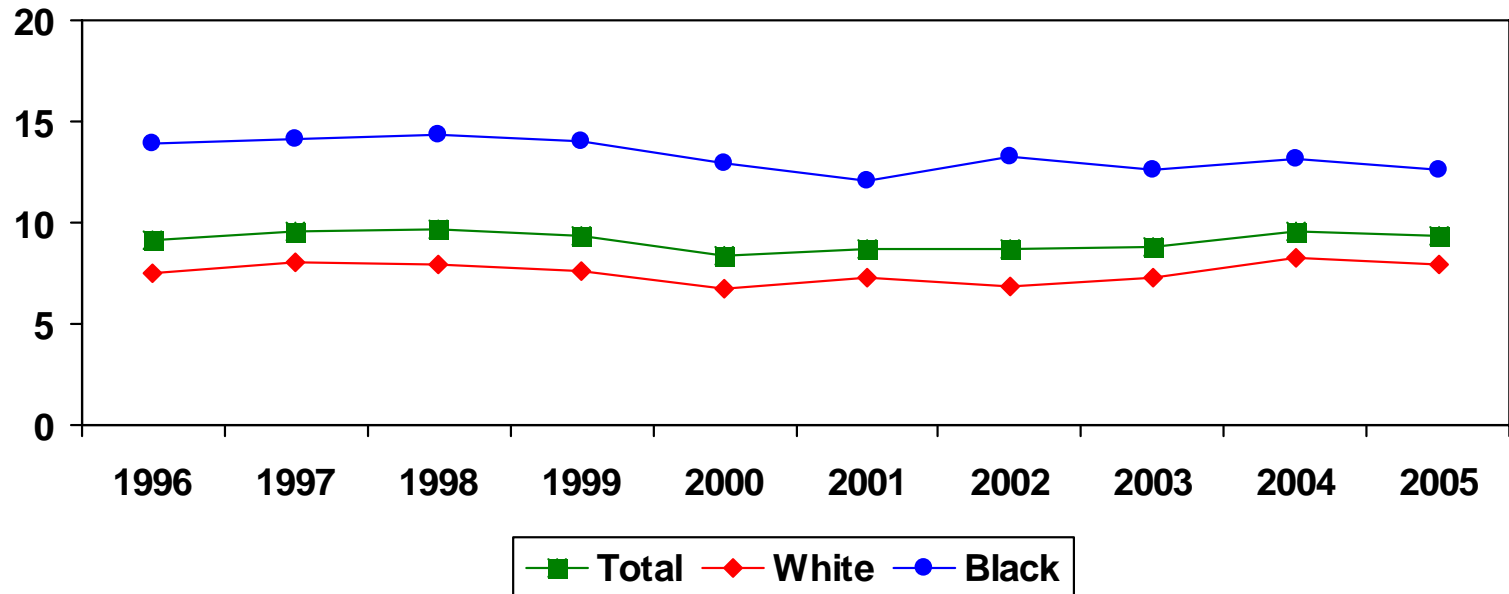
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	8.8	8.4	9.0	9.1	9.0	8.7	8.3	9.3	9.6	9.8
White	6.5	6.2	7.4	7.3	7.1	6.2	6.4	7.5	7.5	7.8
Black	13.8	13.4	12.1	12.7	12.9	13.8	12.4	13.1	14.4	13.8

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Low Birthweight Infants by Race of Mother

Marion County Residents, 1996-2005



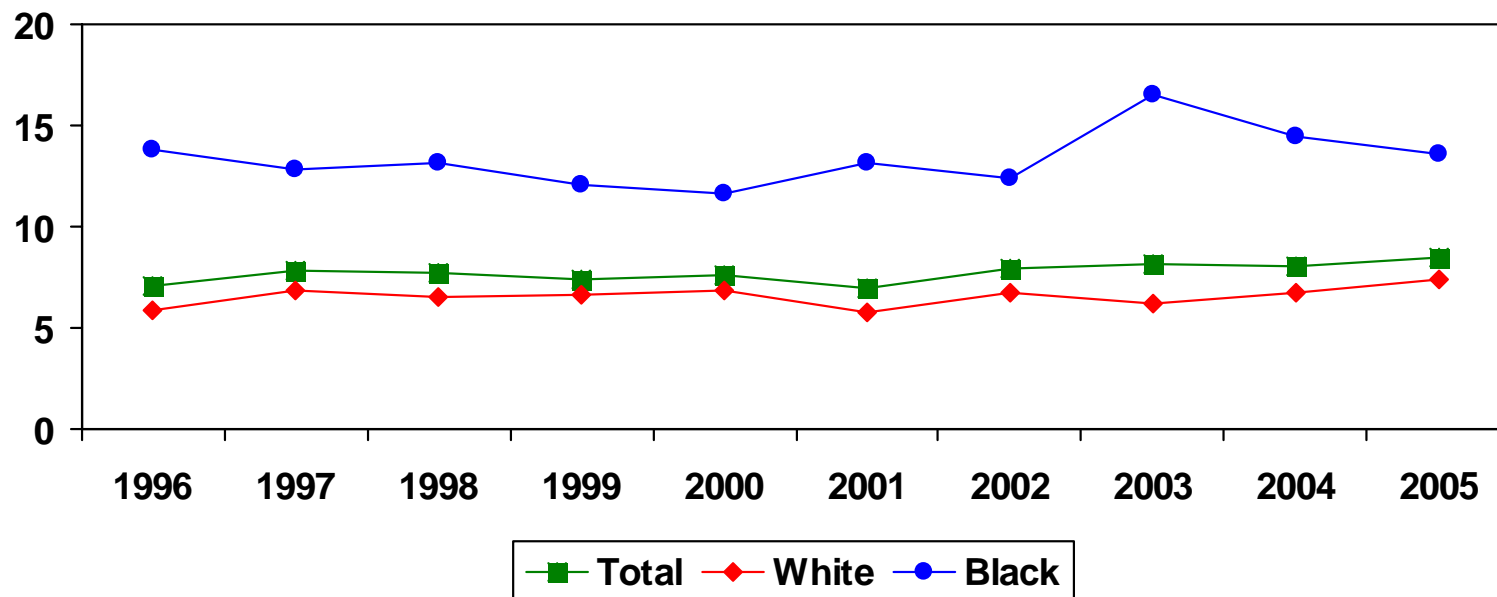
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	9.1	9.6	9.7	9.4	8.4	8.7	8.7	8.8	9.6	9.3
White	7.5	8.0	7.9	7.6	6.7	7.3	6.9	7.3	8.3	7.9
Black	13.9	14.1	14.4	14.0	12.9	12.1	13.3	12.6	13.2	12.6

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Low Birthweight Infants by Race of Mother

St. Joseph County Residents, 1996-2005



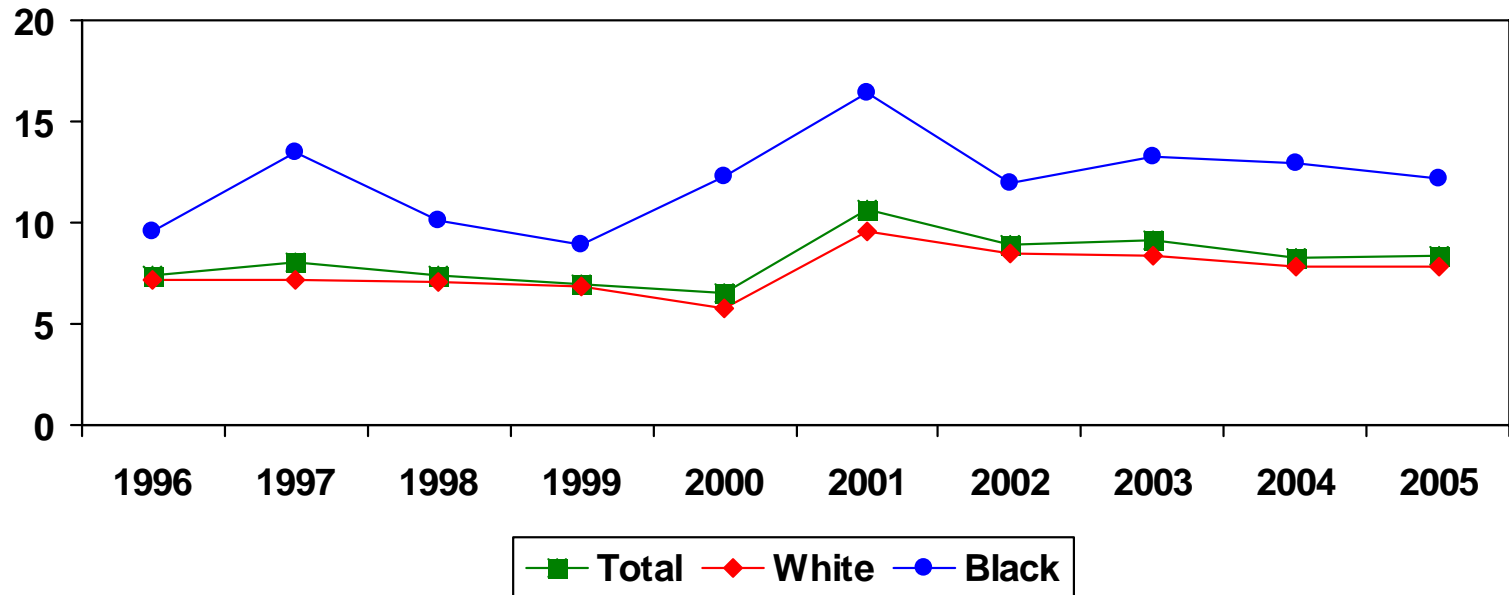
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	7.1	7.8	7.7	7.4	7.6	7.0	7.9	8.2	8.0	8.5
White	5.9	6.9	6.5	6.6	6.8	5.8	6.7	6.2	6.7	7.4
Black	13.8	12.8	13.1	12.1	11.6	13.1	12.4	16.5	14.5	13.6

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Low Birthweight Infants by Race of Mother

Vanderburgh County Residents, 1996-2005

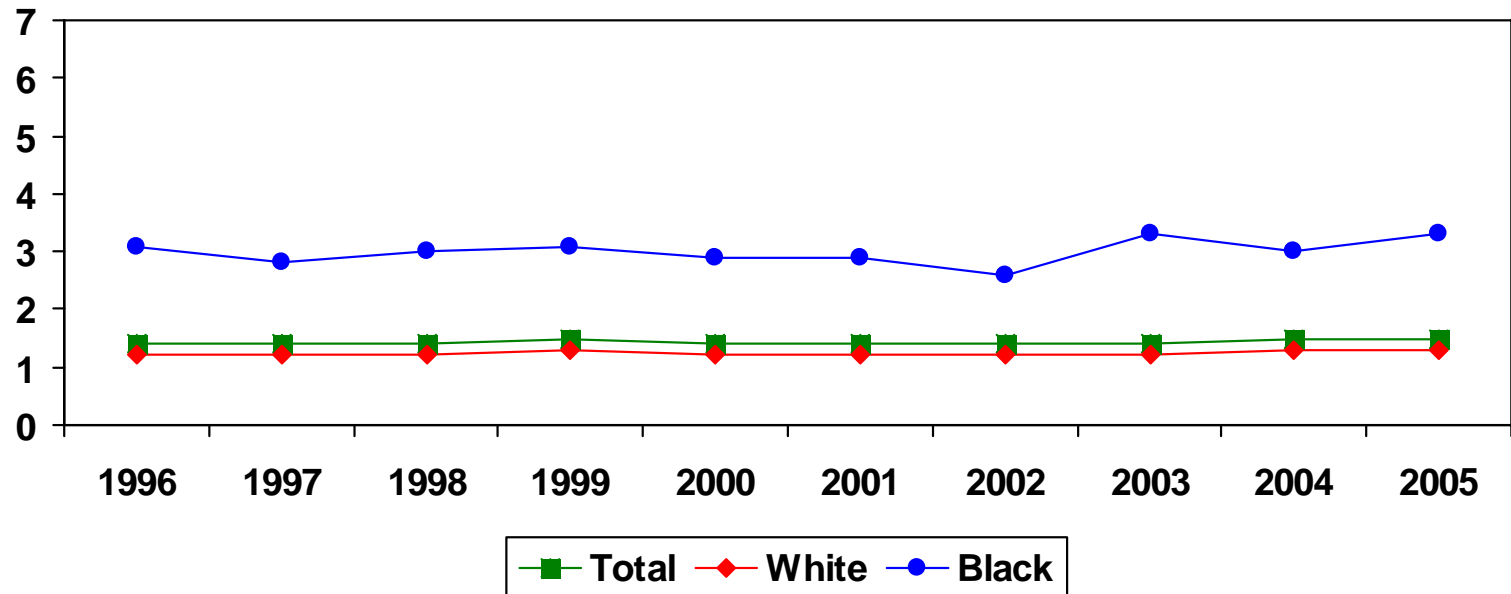


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	7.4	8.0	7.4	7.0	6.5	10.6	8.9	9.1	8.3	8.4
White	7.2	7.2	7.1	6.8	5.8	9.6	8.5	8.4	7.8	7.8
Black	9.6	13.5	10.1	8.9	12.3	16.4	12.0	13.3	12.9	12.2

Note: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Very Low Birthweight Infants by Race of Mother Indiana Residents, 1996-2005

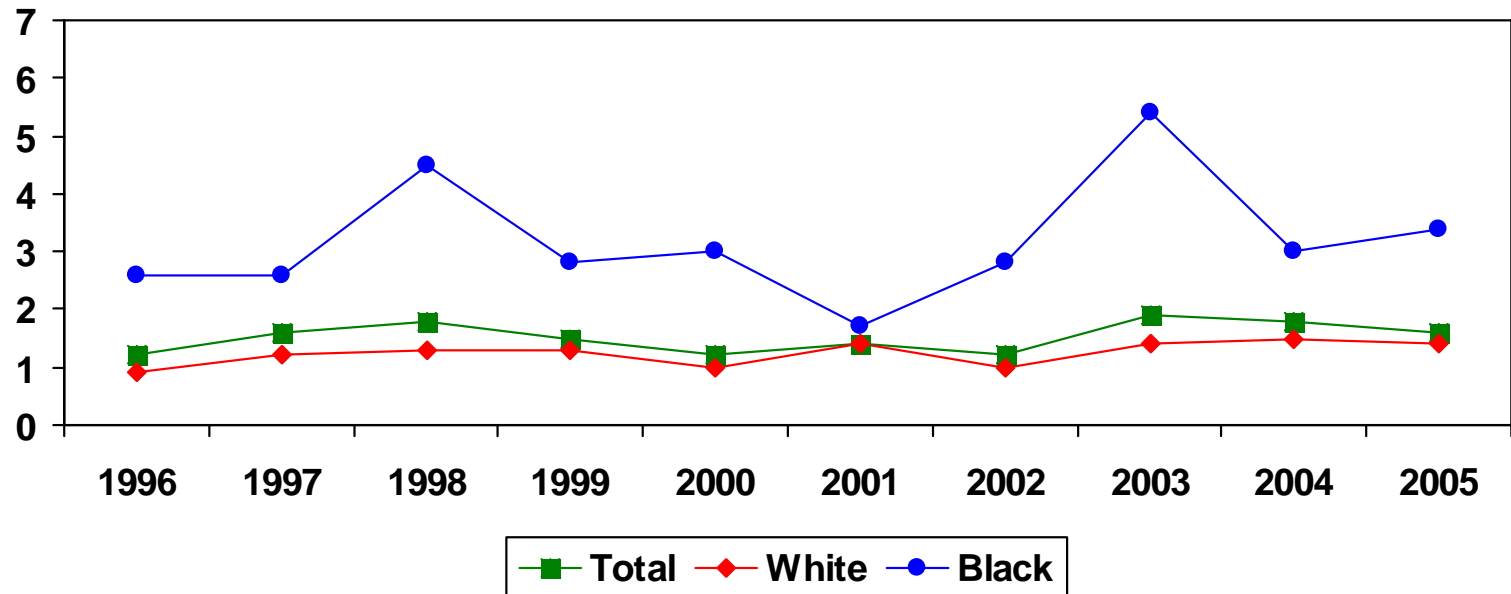


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.5
White	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.3	1.3
Black	3.1	2.8	3.0	3.1	2.9	2.9	2.6	3.3	3.0	3.3

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Very Low Birthweight Infants by Race of Mother Allen County Residents, 1996-2005



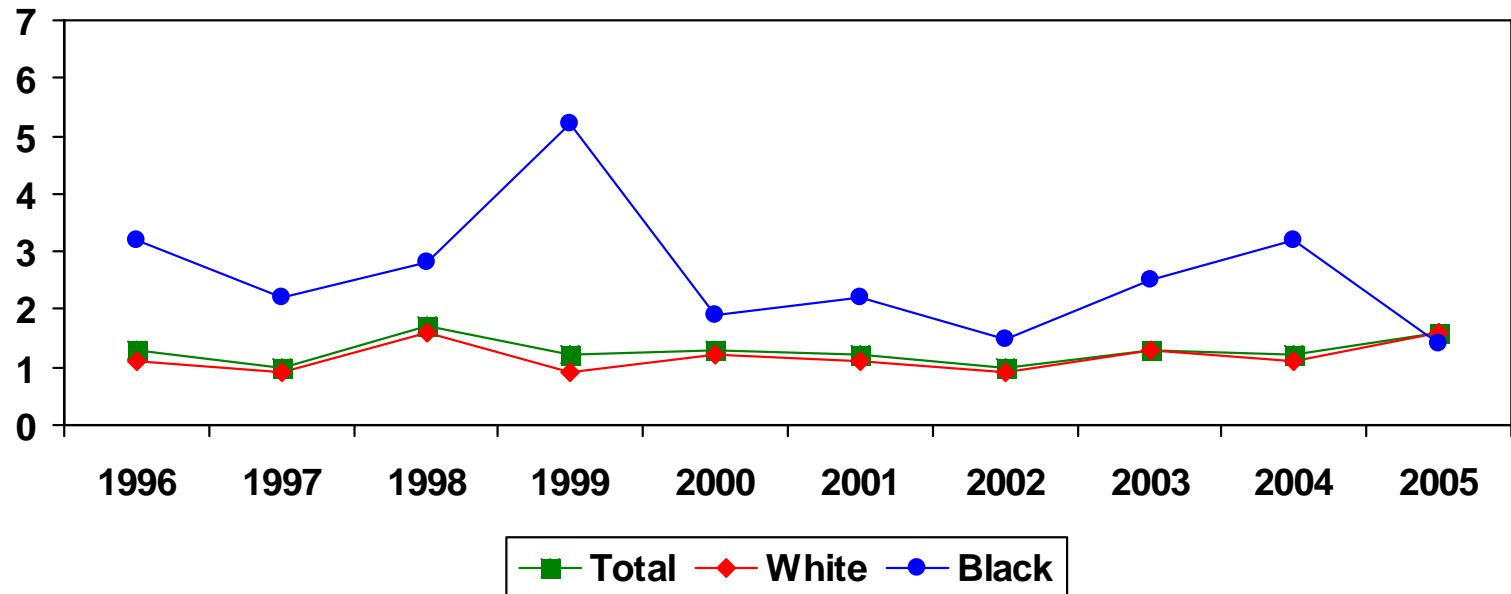
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	1.2	1.6	1.8	1.5	1.2	1.4	1.2	1.9	1.8	1.6
White	0.9	1.2	1.3	1.3	1.0	1.4	1.0	1.4	1.5	1.4
Black	2.6*	2.6	4.5	2.8	3.0	1.7*	2.8	5.4	3.0	3.4

*Numerator is less than 20, and the percent is unstable.

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Very Low Birthweight Infants by Race of Mother Elkhart County Residents, 1996-2005



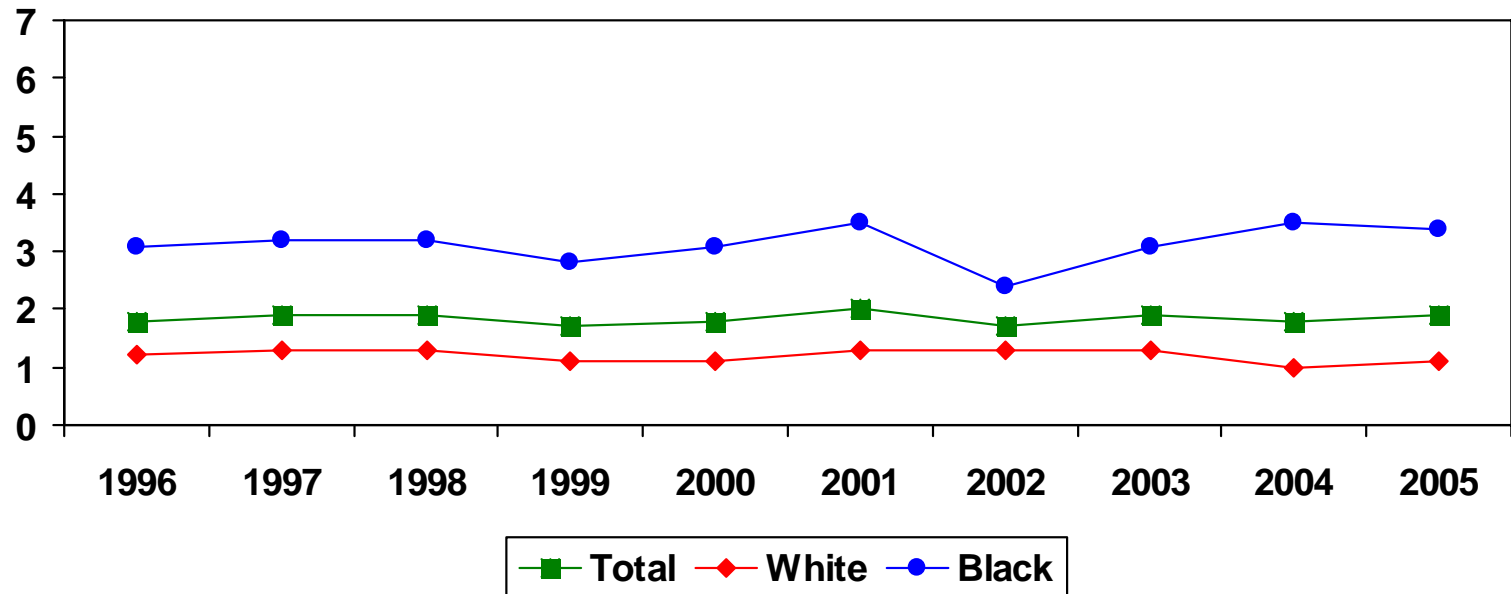
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	1.3	1.0	1.7	1.2	1.3	1.2	1.0	1.3	1.2	1.6
White	1.1	0.9	1.6	0.9	1.2	1.1	0.9	1.3	1.1	1.6
Black	3.2*	2.2*	2.8*	5.2*	1.9*	2.2*	1.5*	2.5*	3.2*	1.4*

*Numerator is less than 20, and the percent is unstable.

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Very Low Birthweight Infants by Race of Mother Lake County Residents, 1996-2005



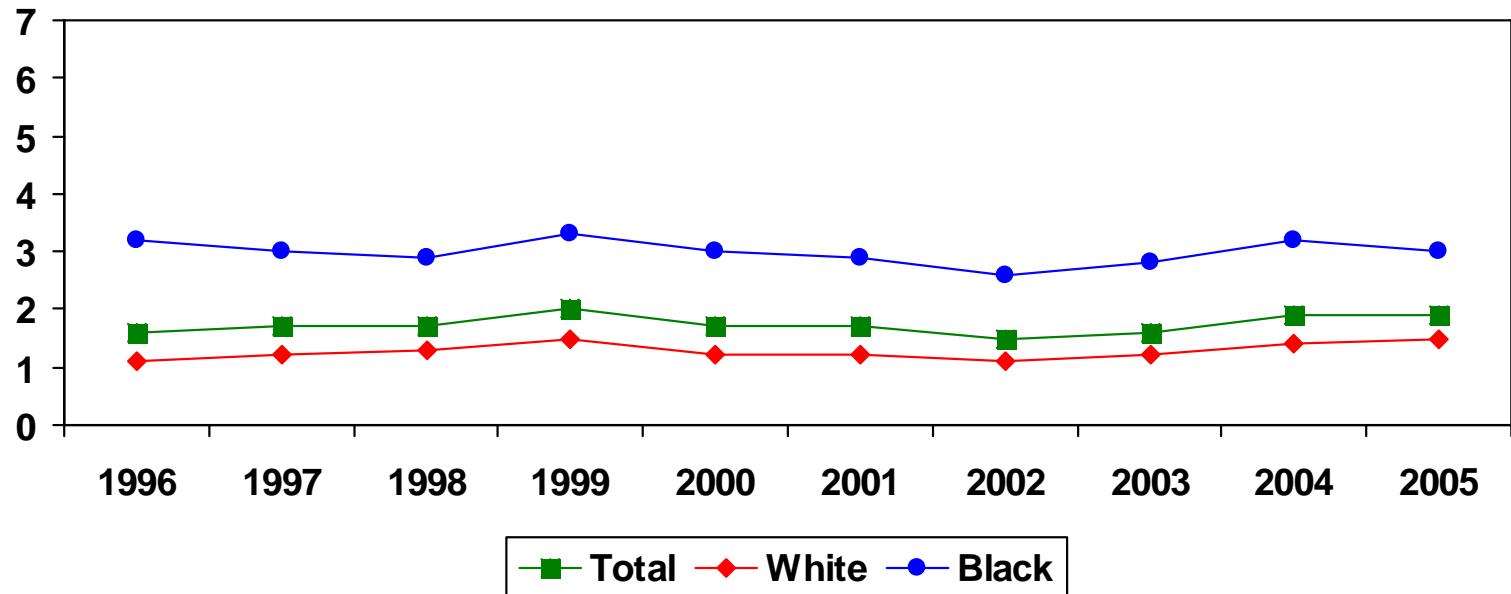
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	1.8	1.9	1.9	1.7	1.8	2.0	1.7	1.9	1.8	1.9
White	1.2	1.3	1.3	1.1	1.1	1.3	1.3	1.3	1.0	1.1
Black	3.1	3.2	3.2	2.8	3.1	3.5	2.4	3.1	3.5	3.4

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Very Low Birthweight Infants by Race of Mother

Marion County Residents, 1996-2005

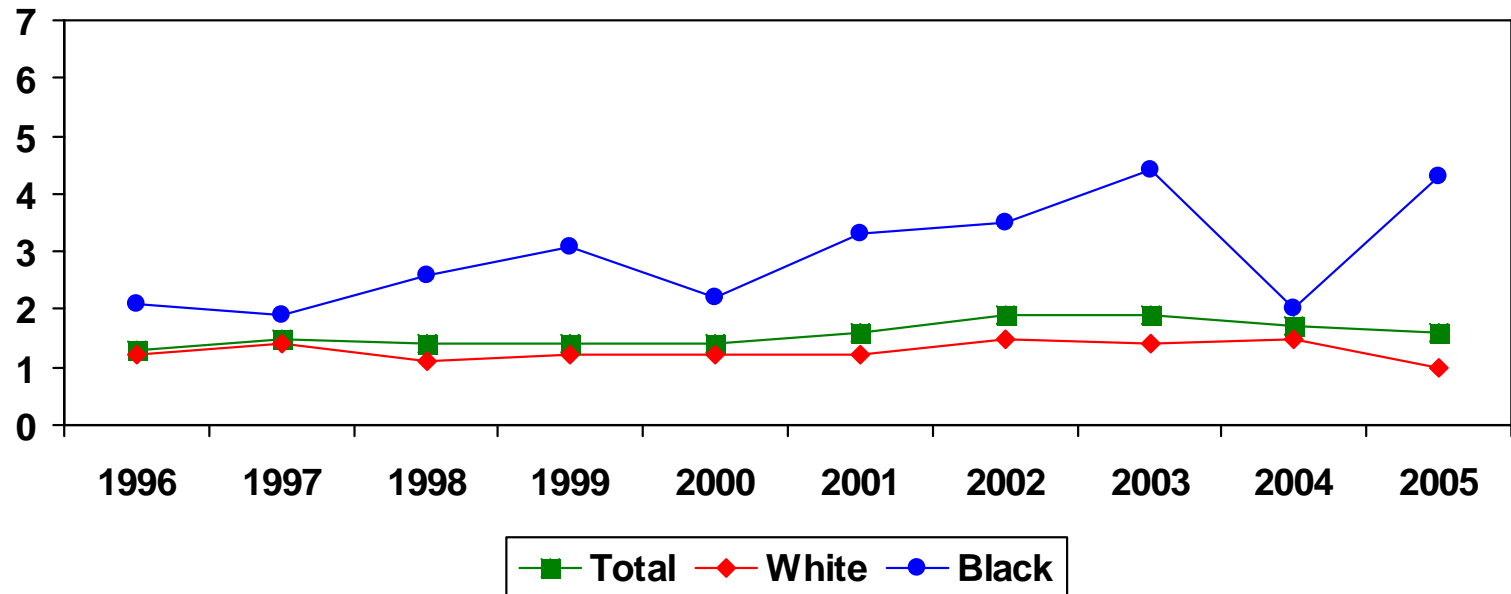


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	1.6	1.7	1.7	2.0	1.7	1.7	1.5	1.6	1.9	1.9
White	1.1	1.2	1.3	1.5	1.2	1.2	1.1	1.2	1.4	1.5
Black	3.2	3.0	2.9	3.3	3.0	2.9	2.6	2.8	3.2	3.0

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Very Low Birthweight Infants by Race of Mother St. Joseph County Residents, 1996-2005



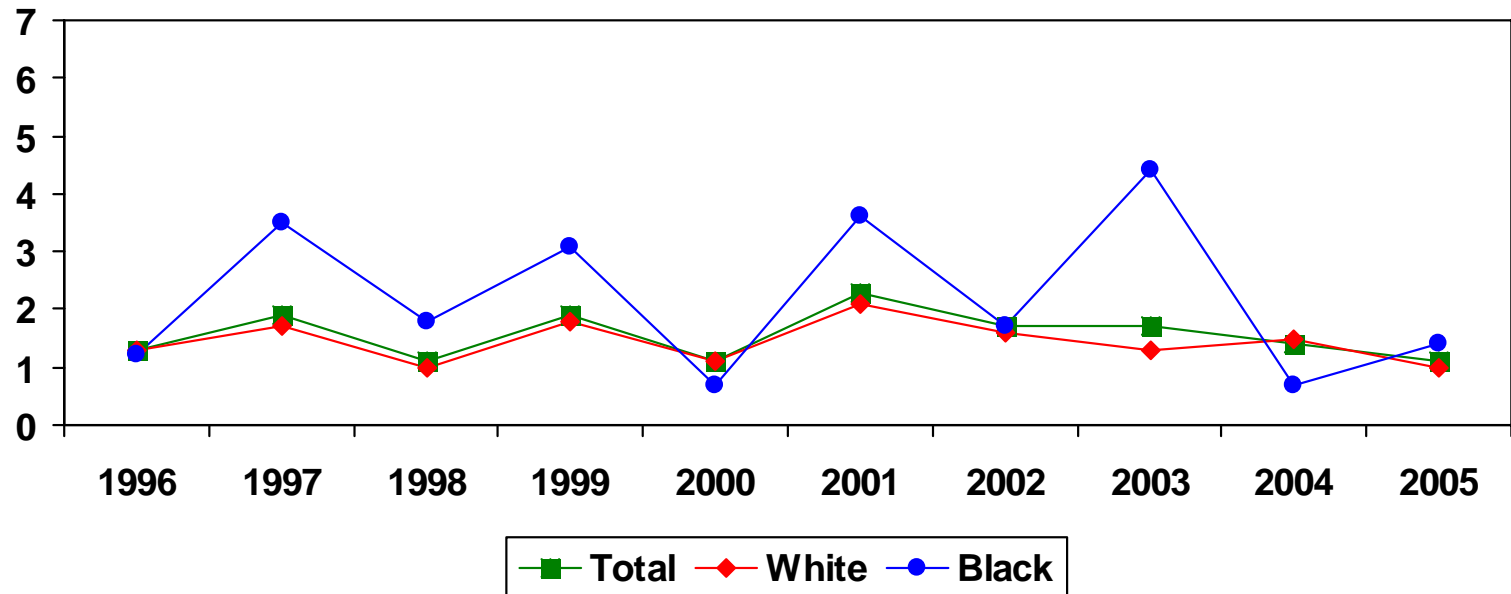
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	1.3	1.5	1.4	1.4	1.4	1.6	1.9	1.9	1.7	1.6
White	1.2	1.4	1.1	1.2	1.2	1.2	1.5	1.4	1.5	1.0
Black	2.1*	1.9*	2.6*	3.1*	2.2*	3.3	3.5	4.4	2.0*	4.3

*Numerator is less than 20, and the percent is unstable.

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Very Low Birthweight Infants by Race of Mother Vanderburgh County Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	1.3	1.9	1.1	1.9	1.1	2.3	1.7	1.7	1.4	1.1
White	1.3	1.7	1.0*	1.8	1.1	2.1	1.6	1.3	1.5	1.0
Black	1.2*	3.5*	1.8*	3.1*	0.7*	3.6*	1.7*	4.4*	0.7*	1.4*

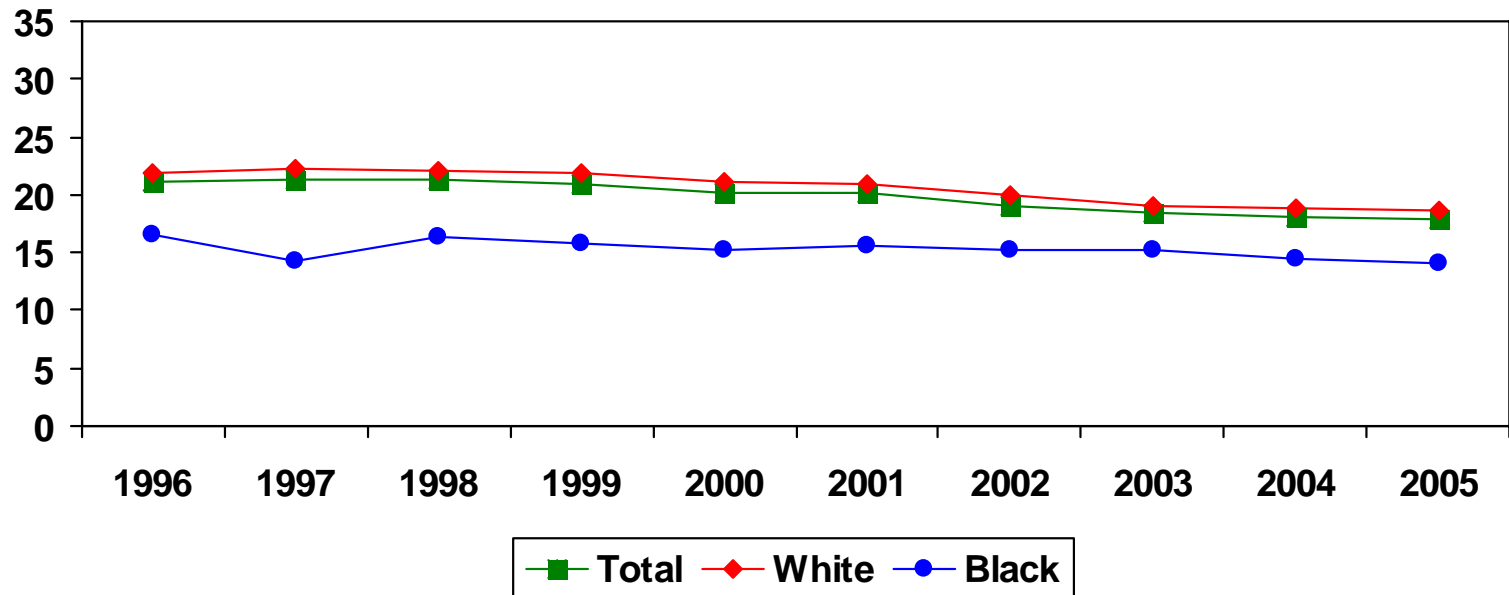
*Numerator is less than 20, and the percent is unstable.

Note: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Births to Mothers Who Smoked During Pregnancy by Race

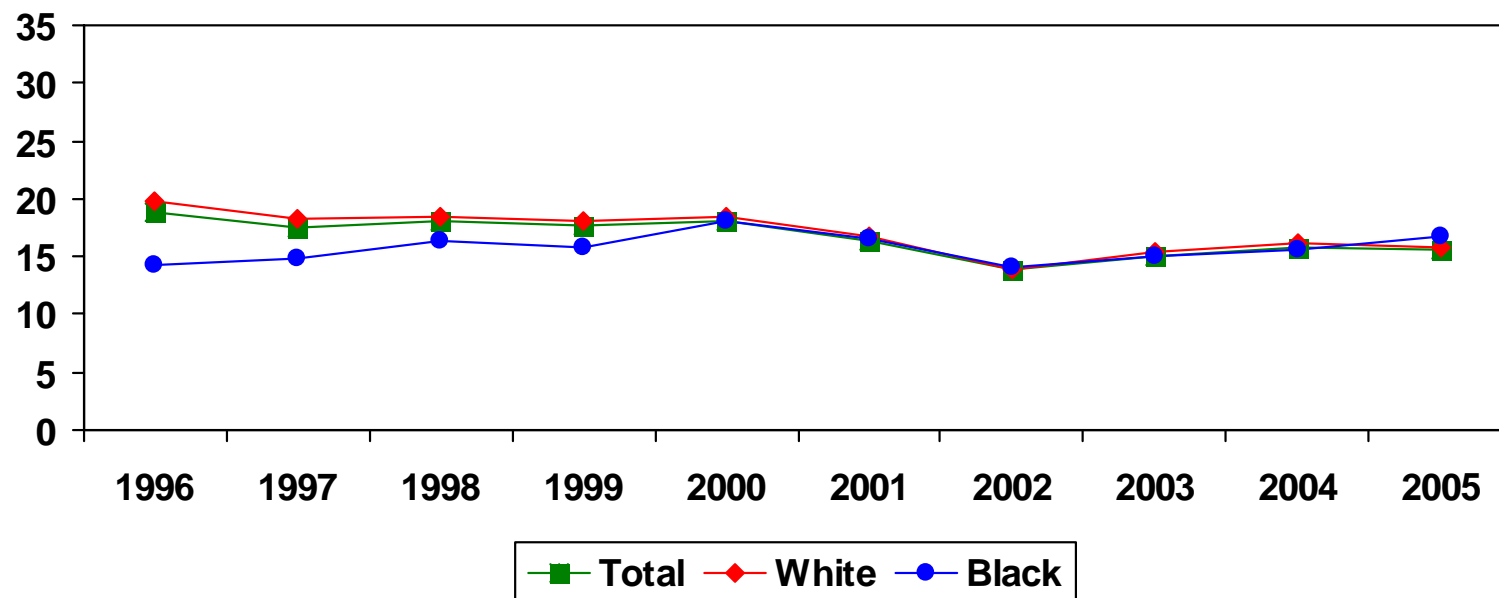
Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	21.1	21.3	21.3	20.9	20.2	20.2	19.1	18.5	18.0	17.9
White	21.9	22.3	22.1	21.8	21.1	21.0	19.9	19.1	18.8	18.7
Black	16.5	14.3	16.3	15.8	15.2	15.6	15.2	15.2	14.4	14.0

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

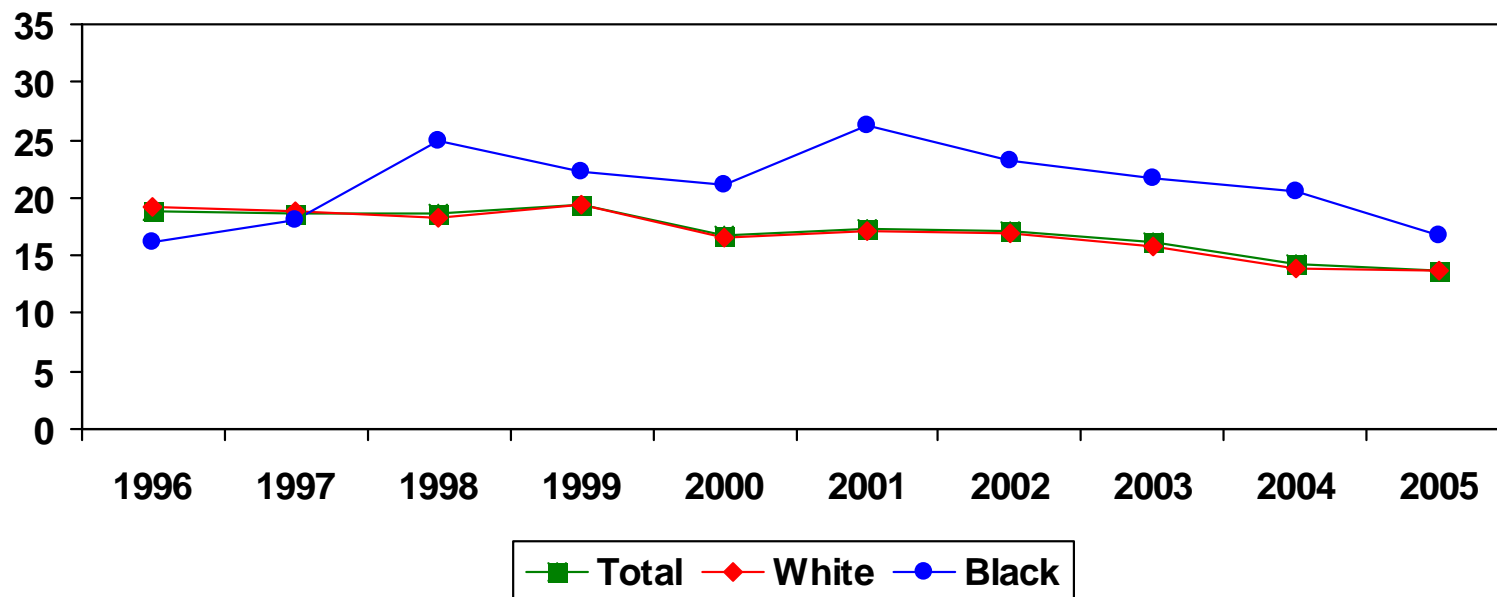
Percent of Births to Mothers Who Smoked During Pregnancy, by Race Allen County Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	18.8	17.5	18.0	17.6	18.1	16.4	13.8	15.1	15.7	15.6
White	19.8	18.3	18.5	18.1	18.5	16.7	13.9	15.5	16.2	15.8
Black	14.2	14.9	16.4	15.7	18.0	16.5	14.0	15.1	15.6	16.7

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

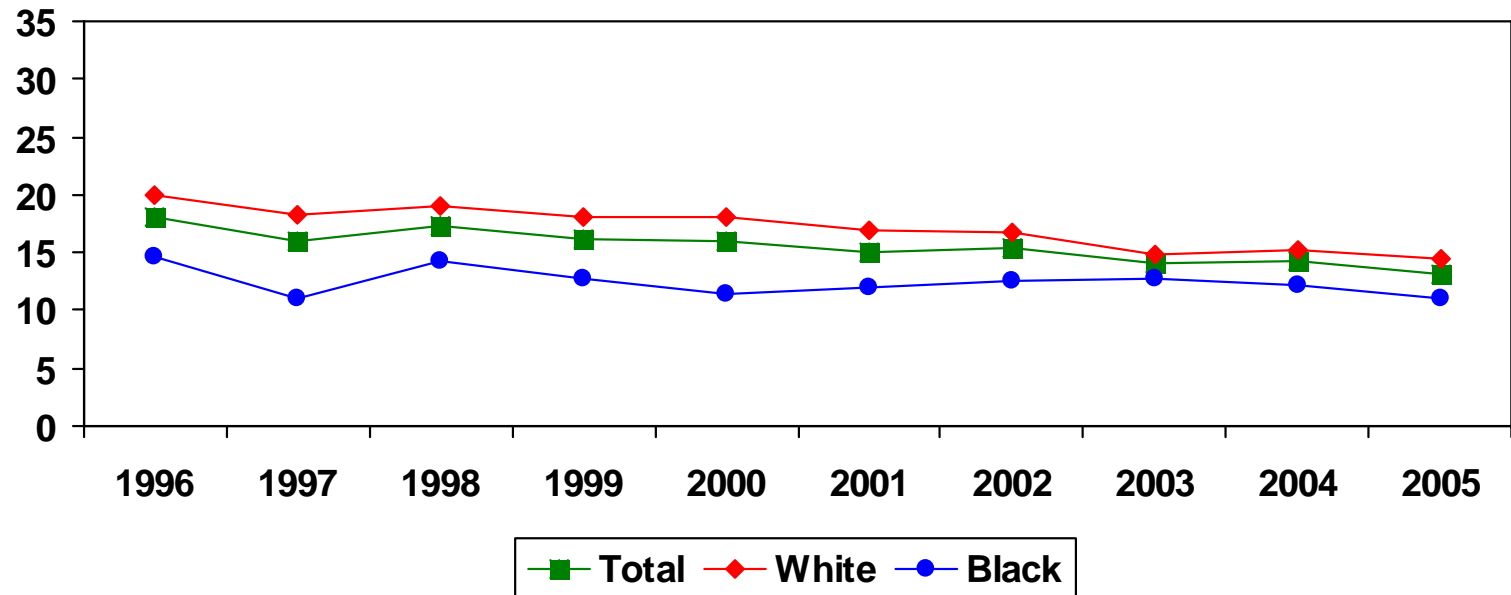
Percent of Births to Mothers Who Smoked During Pregnancy, by Race Elkhart County Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	18.8	18.6	18.6	19.4	16.7	17.4	17.2	16.1	14.2	13.7
White	19.2	18.9	18.3	19.4	16.6	17.2	16.9	15.8	13.9	13.7
Black	16.1	18.1	25.0	22.3	21.2	26.3	23.3	21.7	20.6	16.8

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

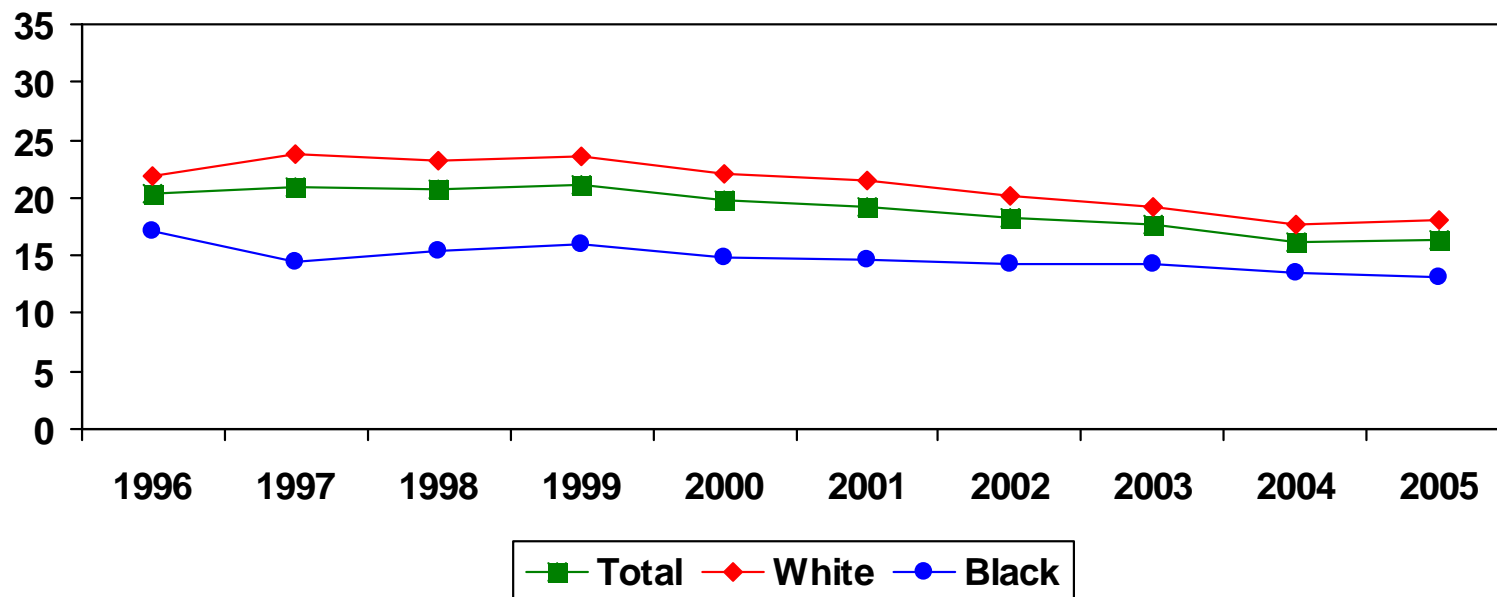
Percent of Births to Mothers Who Smoked During Pregnancy, by Race Lake County Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	18.1	15.9	17.3	16.2	15.9	15.1	15.4	14.1	14.2	13.2
White	20.0	18.2	19.0	18.1	18.1	16.9	16.8	14.9	15.3	14.4
Black	14.6	11.0	14.3	12.7	11.5	12.0	12.6	12.7	12.2	11.0

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

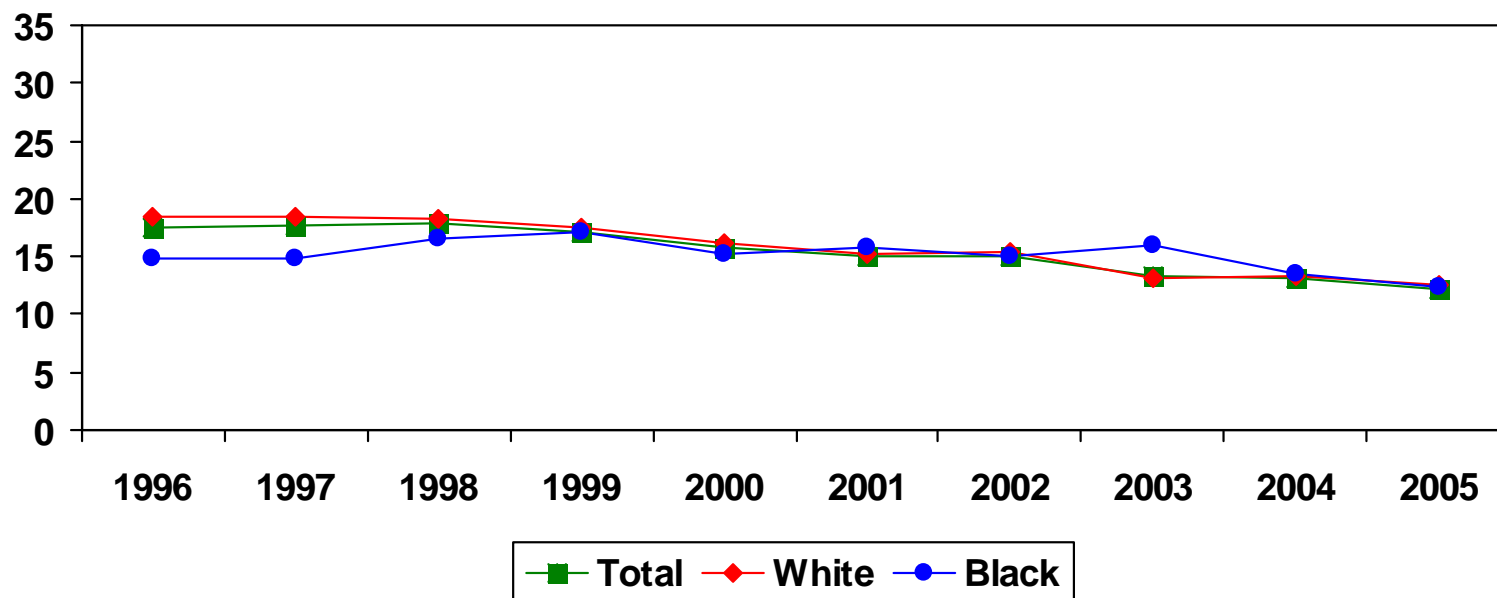
Percent of Births to Mothers Who Smoked During Pregnancy, by Race Marion County Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	20.3	21.0	20.8	21.1	19.8	19.3	18.2	17.6	16.2	16.4
White	21.8	23.7	23.2	23.5	22.0	21.4	20.1	19.2	17.7	18.0
Black	17.1	14.5	15.5	16.0	14.8	14.7	14.2	14.3	13.6	13.2

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

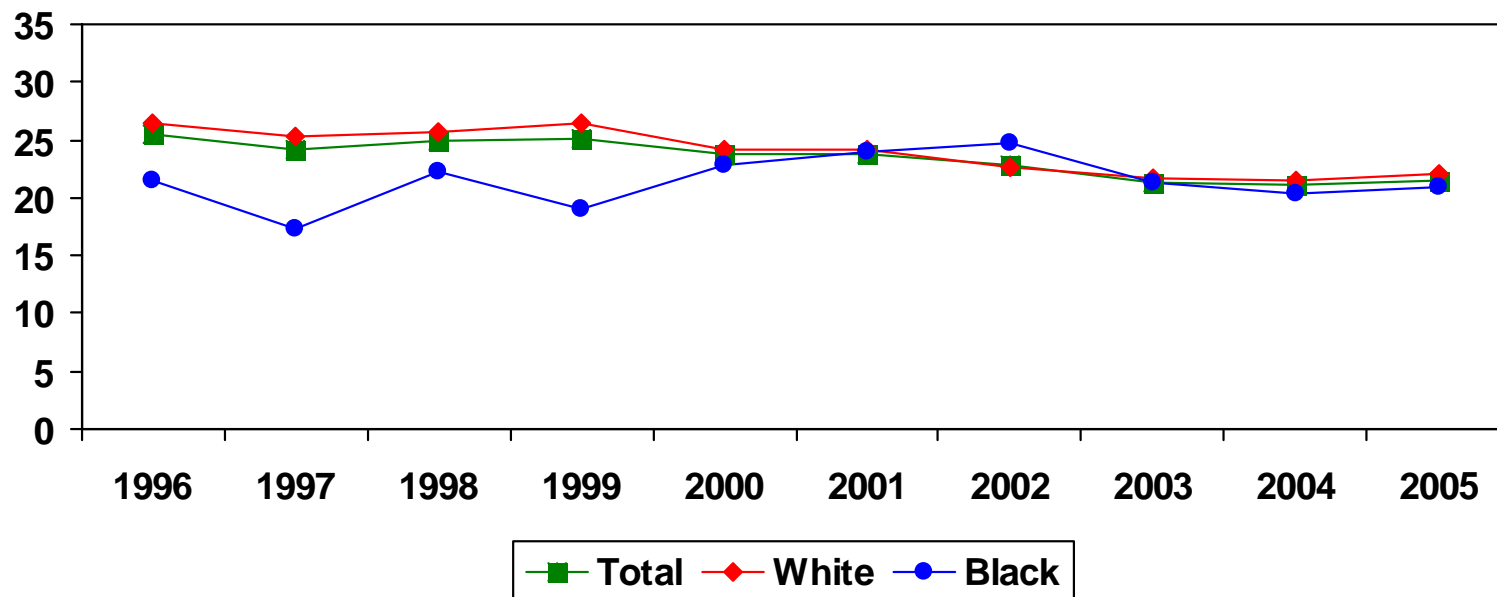
Percent of Births to Mothers Who Smoked During Pregnancy, by Race St. Joseph County Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	17.5	17.7	17.8	17.1	15.8	15.1	15.0	13.4	13.2	12.2
White	18.4	18.4	18.2	17.5	16.1	15.3	15.4	13.1	13.4	12.5
Black	14.8	14.8	16.5	17.2	15.3	15.7	15.1	15.9	13.5	12.4

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

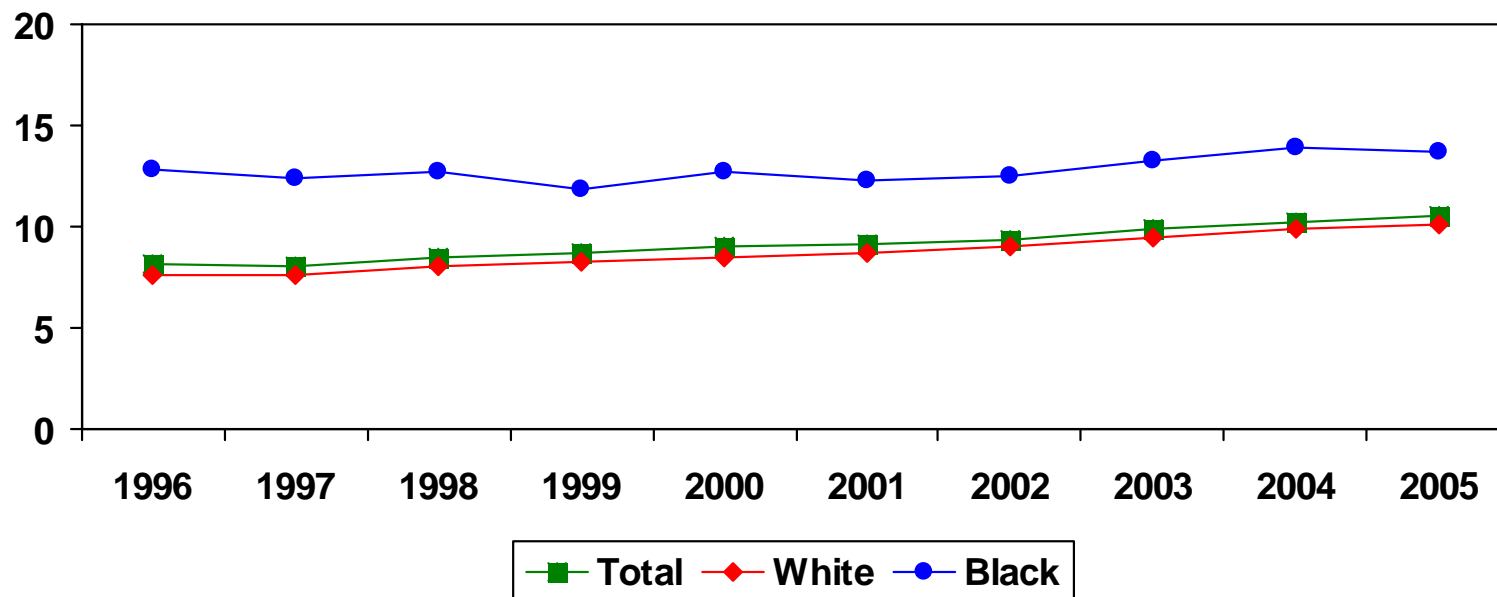
Percent of Births to Mothers Who Smoked During Pregnancy, by Race Vanderburgh County Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	25.5	24.1	24.9	25.2	23.7	23.7	22.8	21.3	21.1	21.5
White	26.5	25.3	25.6	26.4	24.1	24.1	22.7	21.6	21.5	22.0
Black	21.5	17.3	22.3	19.0	22.9	23.9	24.7	21.3	20.3	21.0

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Preterm Births by Race of Mother Indiana Residents, 1996-2005

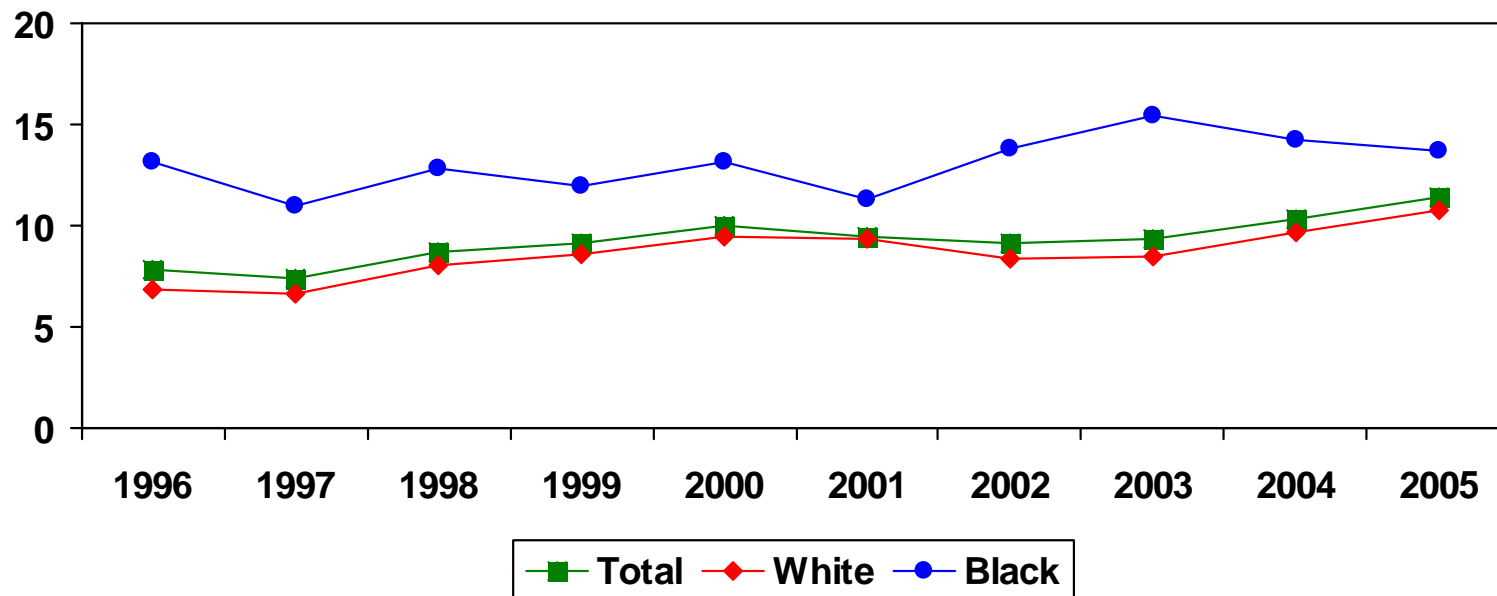


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	8.1	8.0	8.5	8.7	9.0	9.1	9.4	9.9	10.2	10.5
White	7.6	7.6	8.0	8.3	8.5	8.7	9.0	9.5	9.9	10.1
Black	12.8	12.4	12.7	11.8	12.7	12.3	12.5	13.3	13.9	13.7

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Preterm Births by Race of Mother Allen County Residents, 1996-2005

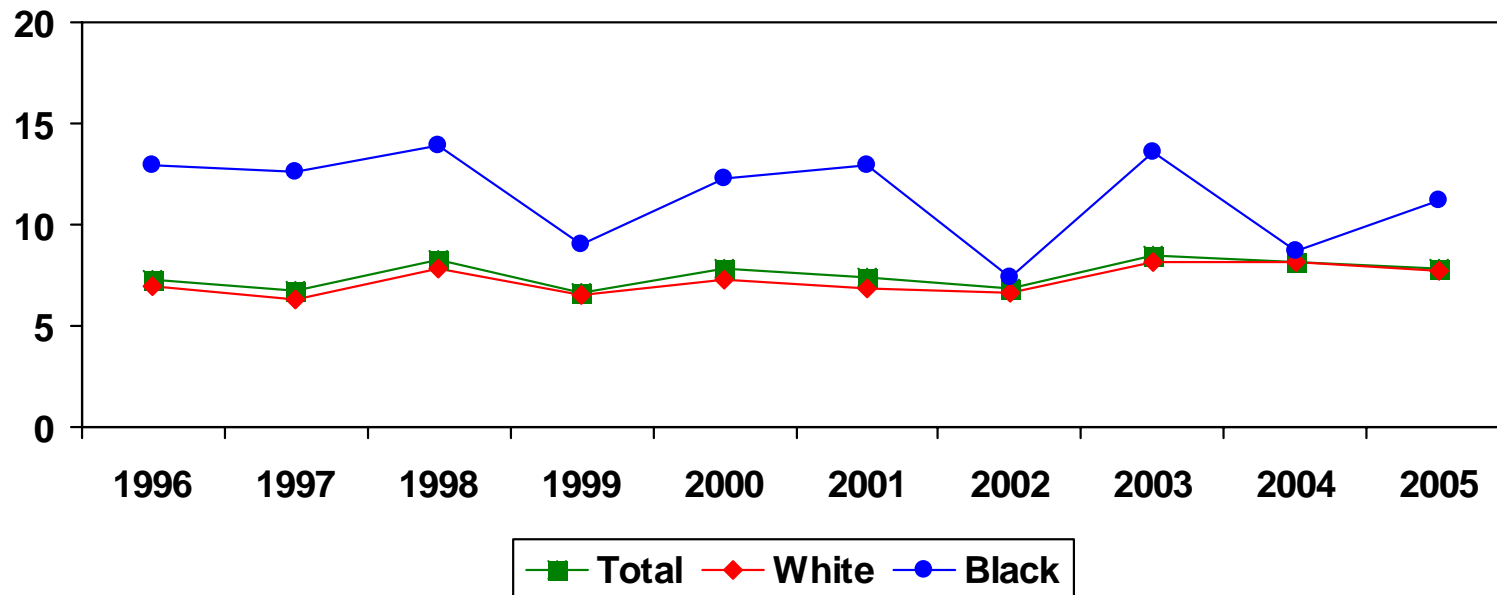


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	7.8	7.4	8.7	9.1	10.0	9.5	9.1	9.4	10.3	11.4
White	6.8	6.6	8.0	8.6	9.5	9.3	8.4	8.5	9.7	10.8
Black	13.1	11.0	12.8	12.0	13.1	11.3	13.8	15.4	14.2	13.7

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Preterm Births by Race of Mother Elkhart County Residents, 1996-2005



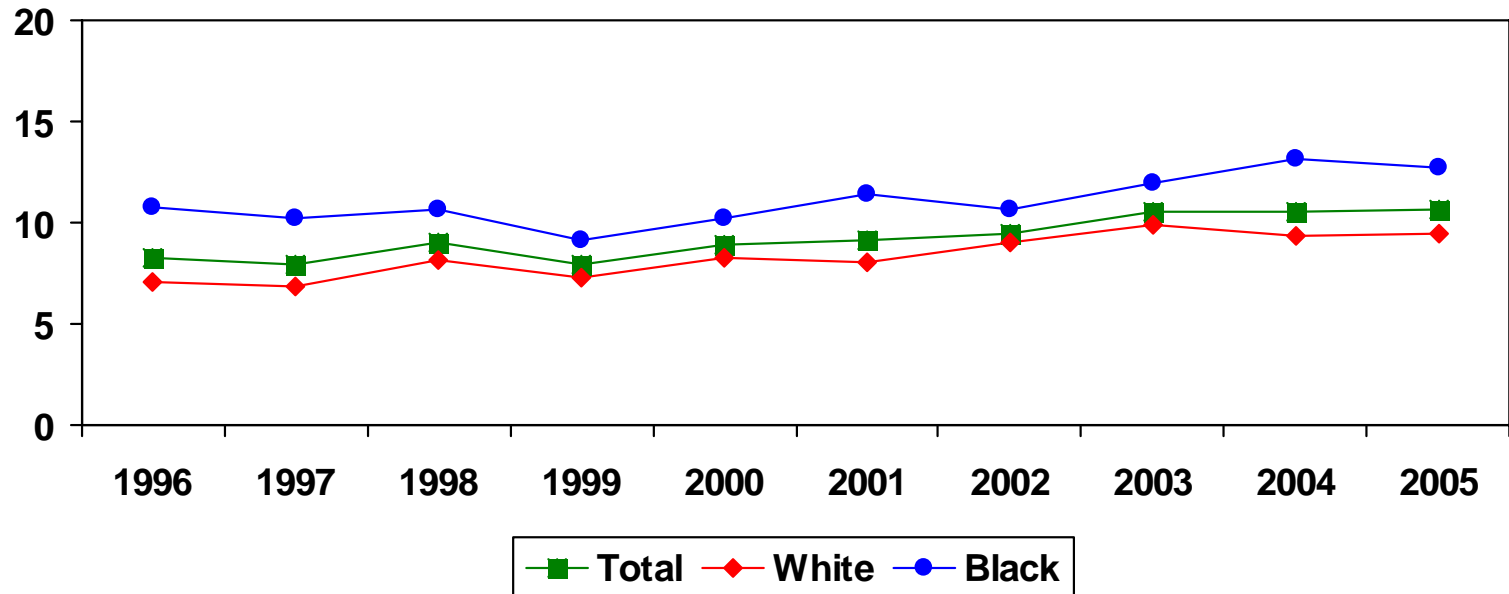
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	7.3	6.7	8.3	6.6	7.8	7.4	6.8	8.5	8.1	7.8
White	7.0	6.3	7.8	6.5	7.3	6.8	6.6	8.2	8.1	7.7
Black	12.9	12.6	13.9	9.0*	12.3	12.9	7.4*	13.6	8.7*	11.2

*Numerator is less than 20, and the percent is unstable.

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Preterm Births by Race of Mother Lake County Residents, 1996-2005

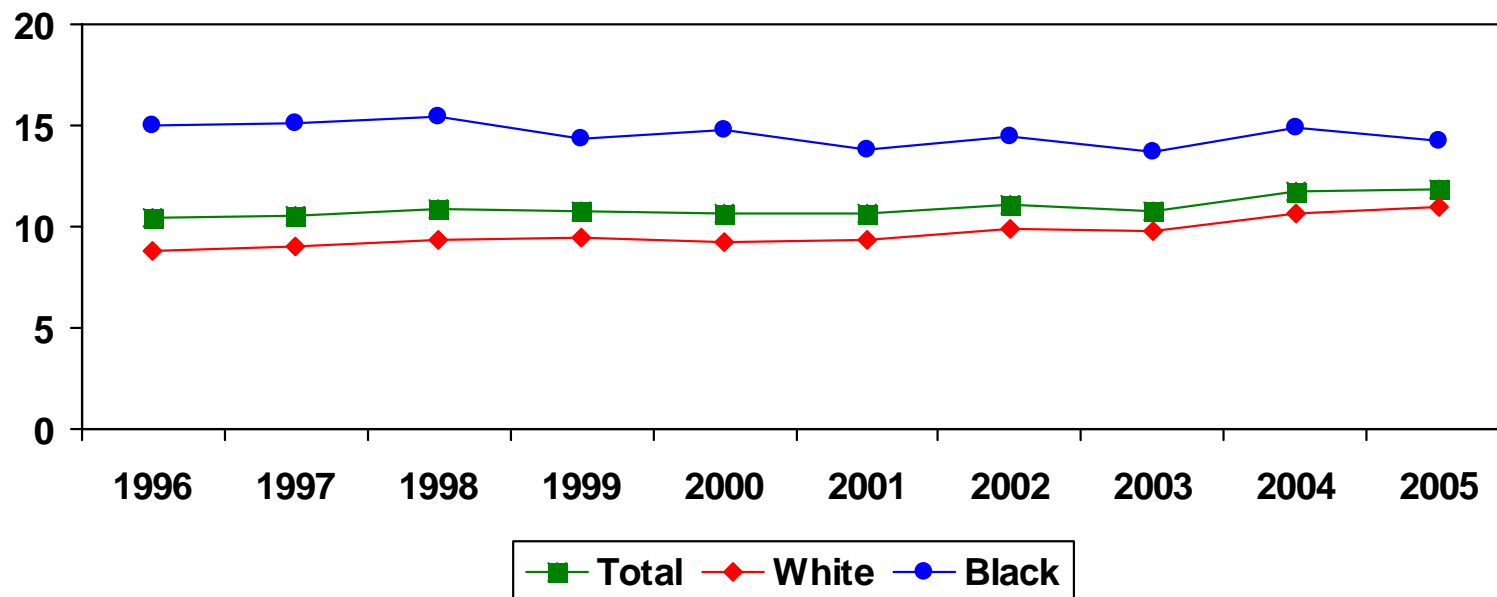


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	8.3	7.9	9.0	7.9	8.9	9.1	9.5	10.5	10.5	10.6
White	7.1	6.9	8.1	7.3	8.3	8.0	9.0	9.9	9.4	9.5
Black	10.8	10.2	10.7	9.1	10.2	11.4	10.6	12.0	13.1	12.7

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Preterm Births by Race of Mother Marion County Residents, 1996-2005



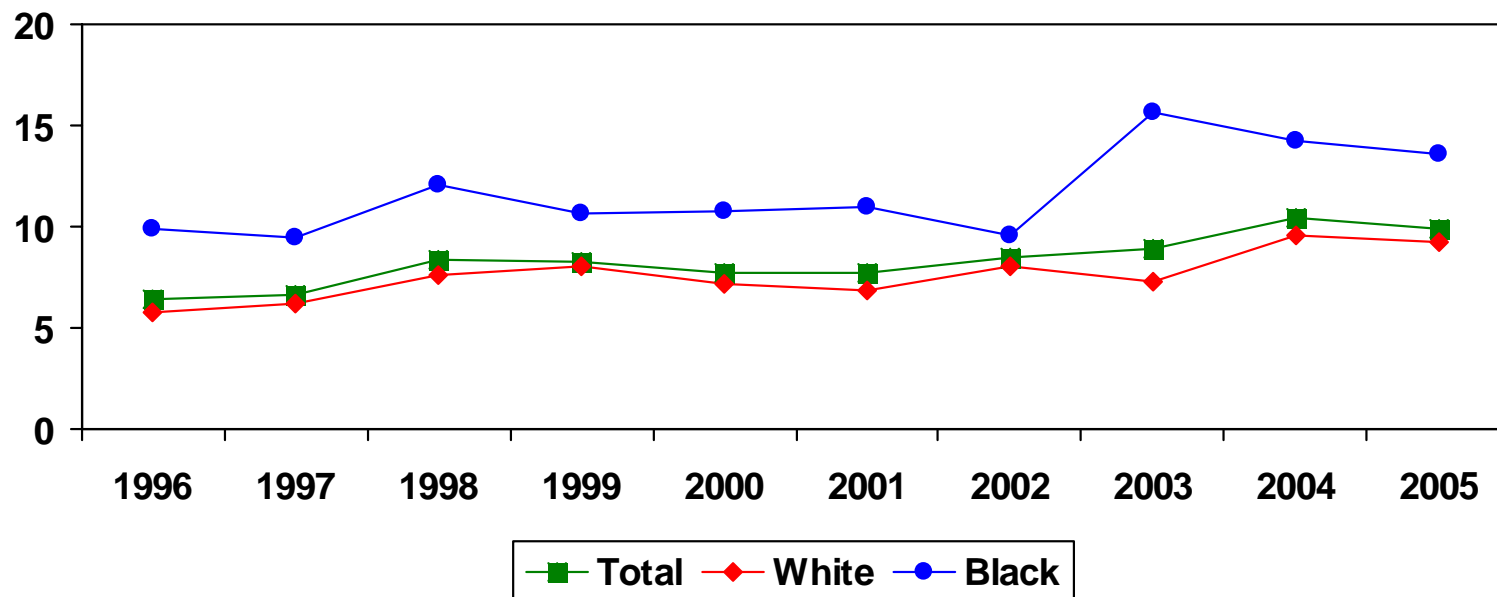
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	10.4	10.5	10.9	10.8	10.7	10.6	11.1	10.8	11.7	11.9
White	8.8	9.0	9.3	9.5	9.2	9.4	9.9	9.8	10.7	11.0
Black	15.0	15.1	15.4	14.3	14.8	13.8	14.5	13.7	14.9	14.2

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Preterm Births by Race of Mother

St. Joseph County Residents, 1996-2005



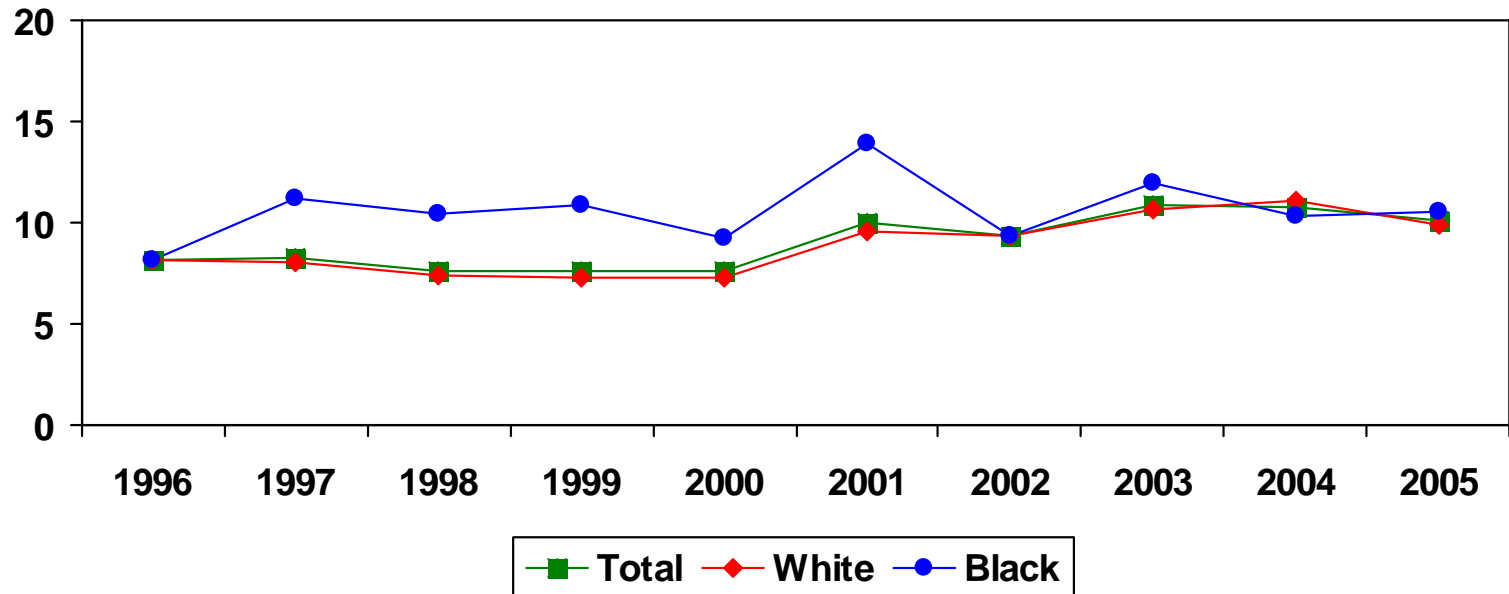
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	6.4	6.6	8.4	8.3	7.7	7.7	8.5	8.9	10.4	9.9
White	5.8	6.2	7.6	8.0	7.2	6.9	8.0	7.3	9.6	9.2
Black	9.9	9.5	12.1	10.7	10.8	11.0	9.6	15.6	14.2	13.6

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Preterm Births by Race of Mother

Vanderburgh County Residents, 1996-2005



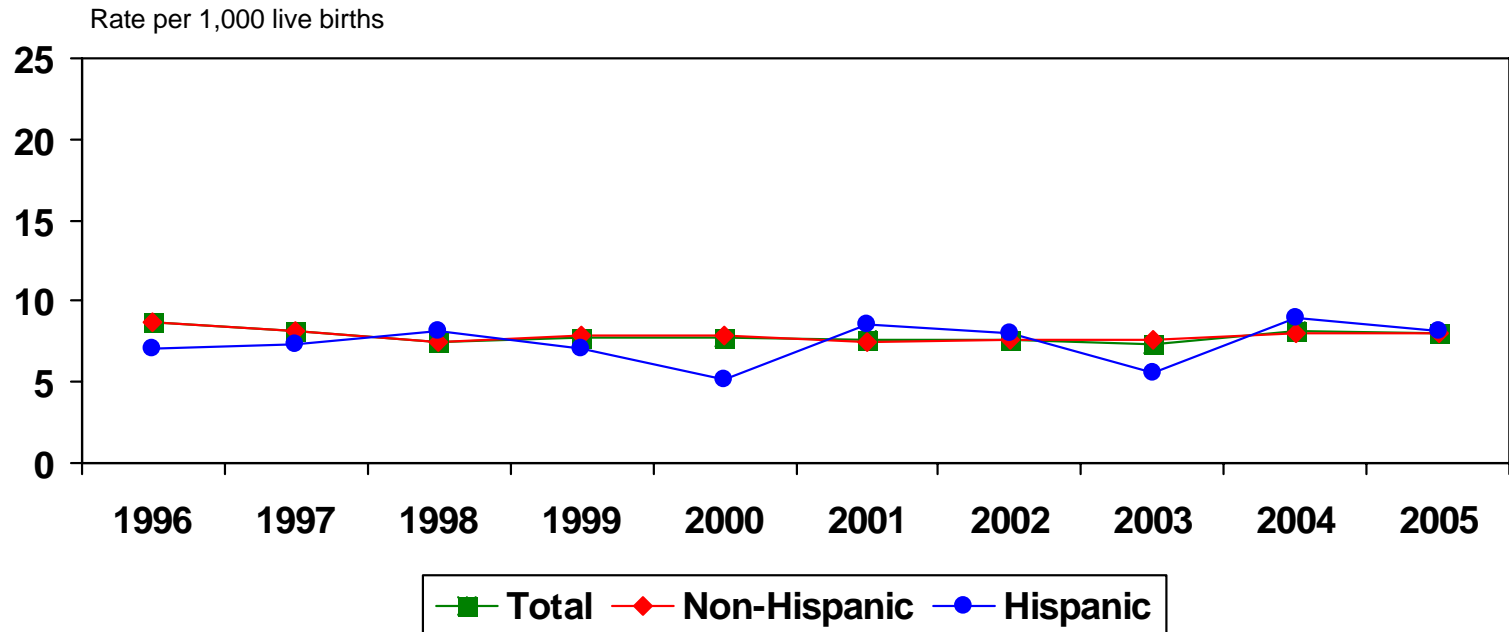
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	8.1	8.3	7.6	7.6	7.6	10.0	9.4	10.9	10.8	10.1
White	8.2	8.0	7.4	7.3	7.3	9.6	9.4	10.6	11.1	9.9
Black	8.1	11.2	10.4	10.9	9.2	13.9	9.3	12.0	10.3	10.5

Note: Preterm birth is the delivery of a liveborn infant prior to 37 weeks gestation.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Infant Mortality Rates by Ethnicity

Indiana Residents, 1996-2005



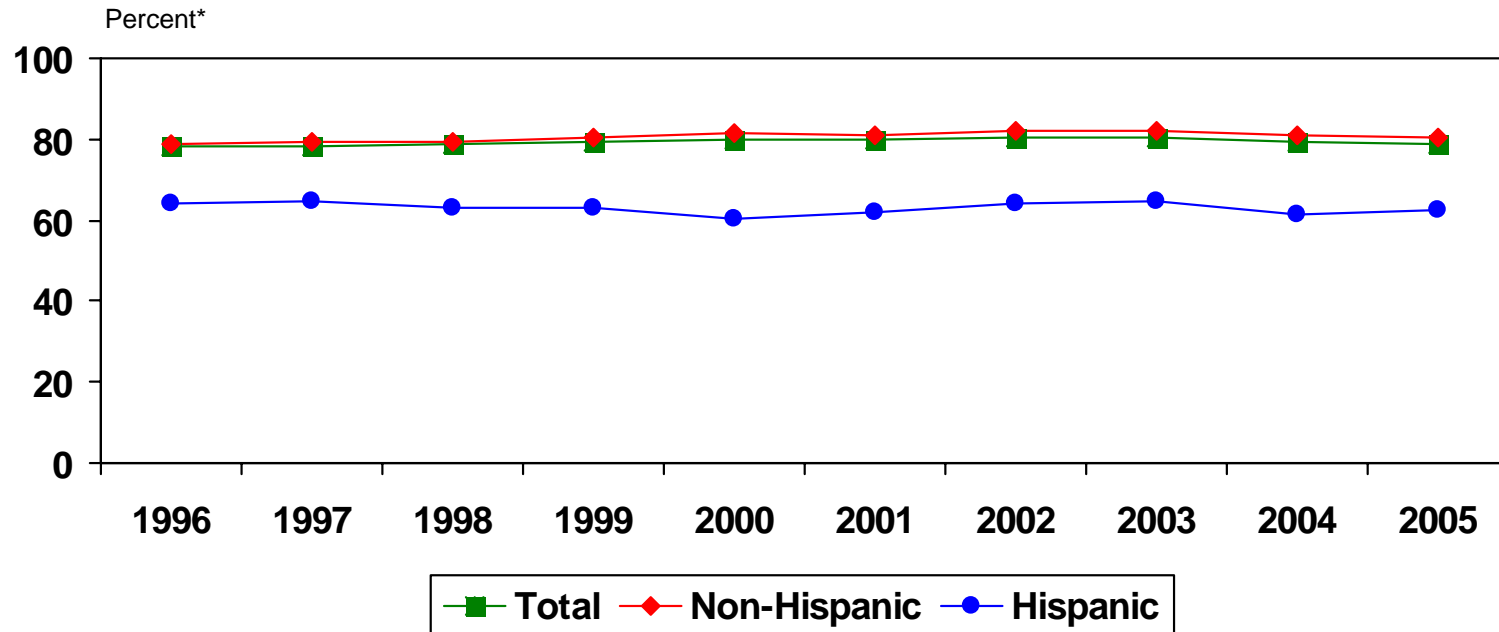
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	8.7	8.1	7.5	7.8	7.7	7.6	7.6	7.4	8.1	8.0
Non-Hispanic	8.7	8.1	7.5	7.9	7.9	7.5	7.6	7.6	8.0	8.0
Hispanic	7.1	7.4	8.2	7.1	5.2	8.5	8.0	5.6	9.0	8.1

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Infants Born to Mothers Receiving Prenatal Care in the First Trimester by Ethnicity

Indiana Residents, 1996-2005



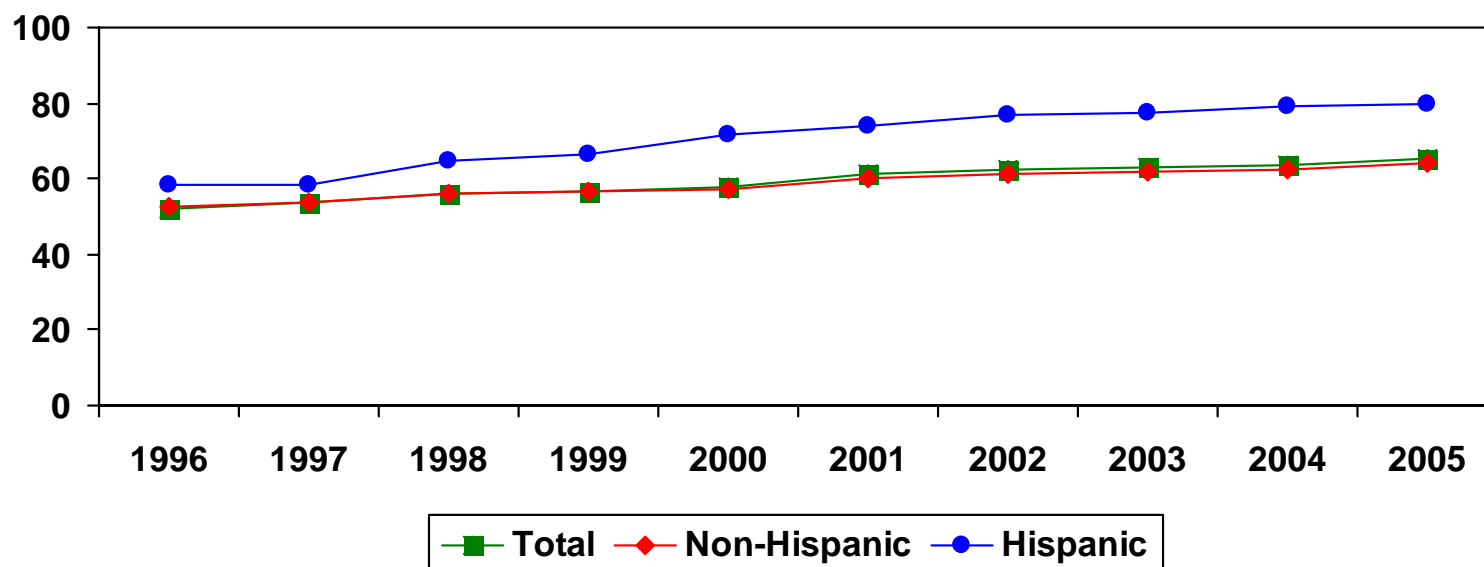
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	78.5	78.5	78.7	79.5	80.0	79.8	80.5	80.6	79.3	78.9
Non-Hispanic	79.0	79.1	79.4	80.4	81.3	81.1	81.9	82.0	80.9	80.6
Hispanic	64.4	64.7	63.1	62.9	60.2	61.9	63.9	64.6	61.2	62.5

*The values are percentages of live births and include the unknowns.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Mothers Who Breastfed Their Infants at Hospital Discharge by Ethnicity Indiana Residents, 1996-2005

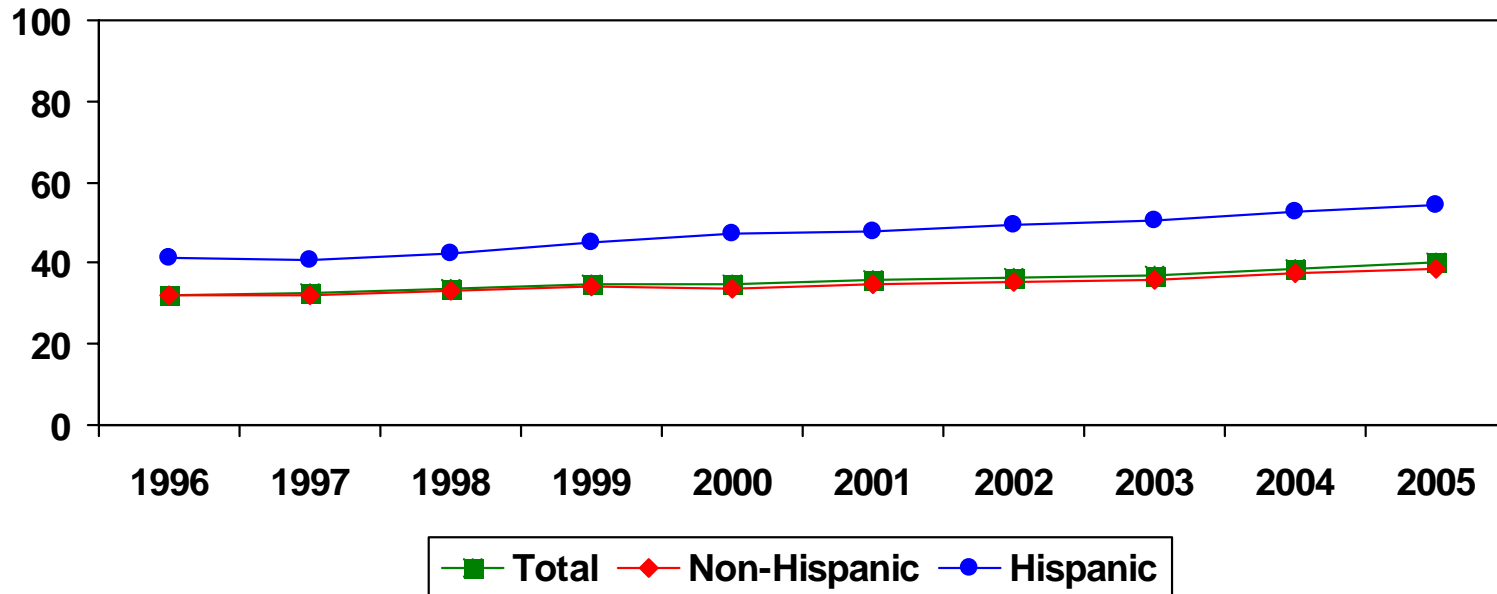


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	52.2	53.8	55.9	56.8	58.0	61.1	62.4	63.2	63.8	65.3
Non-Hispanic	52.5	53.9	56.1	56.5	57.2	60.2	61.4	62.1	62.4	63.9
Hispanic	58.1	58.6	64.7	66.7	71.6	74.2	76.6	77.7	79.1	79.8

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Live Births to Unmarried Mothers by Ethnicity of Mother Indiana Residents, 1996-2005

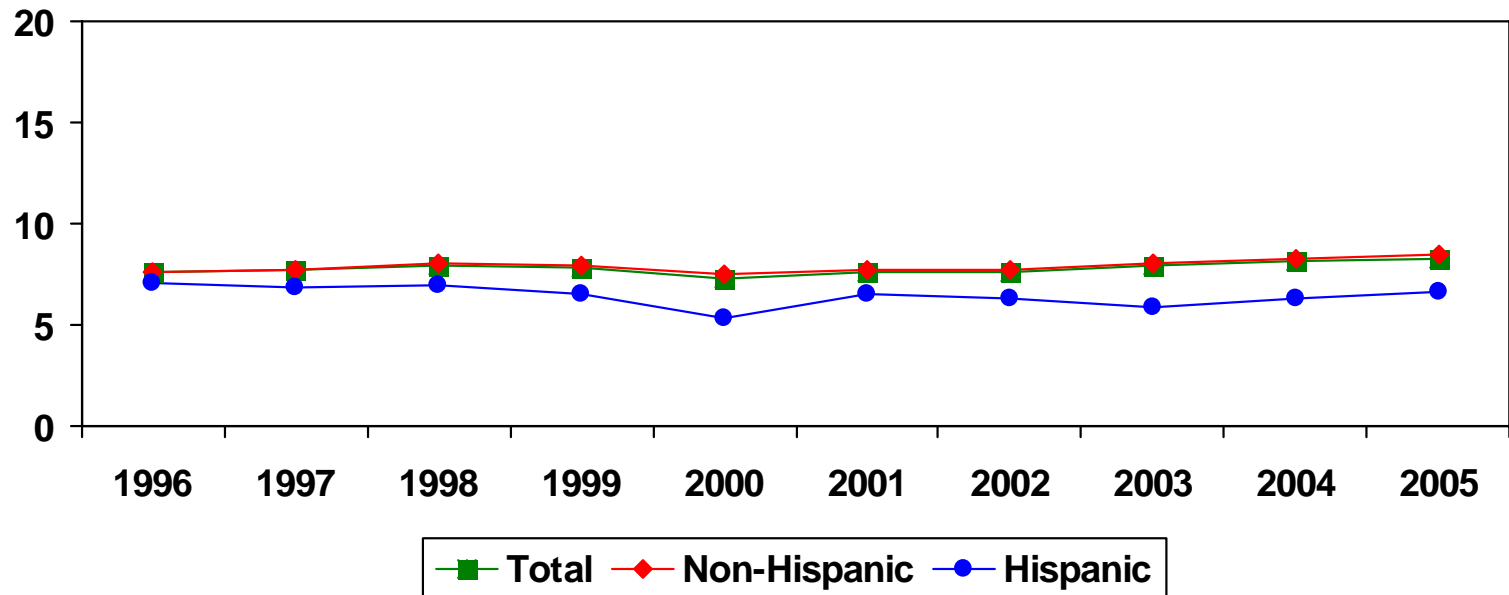


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	32.3	32.6	33.6	34.6	34.6	35.6	36.5	37.1	38.8	40.1
Non-Hispanic	32.1	32.3	33.3	34.1	33.7	34.7	35.5	35.9	37.5	38.7
Hispanic	41.4	40.5	42.2	45.2	47.5	47.9	49.7	50.3	52.8	54.5

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 1996-2005



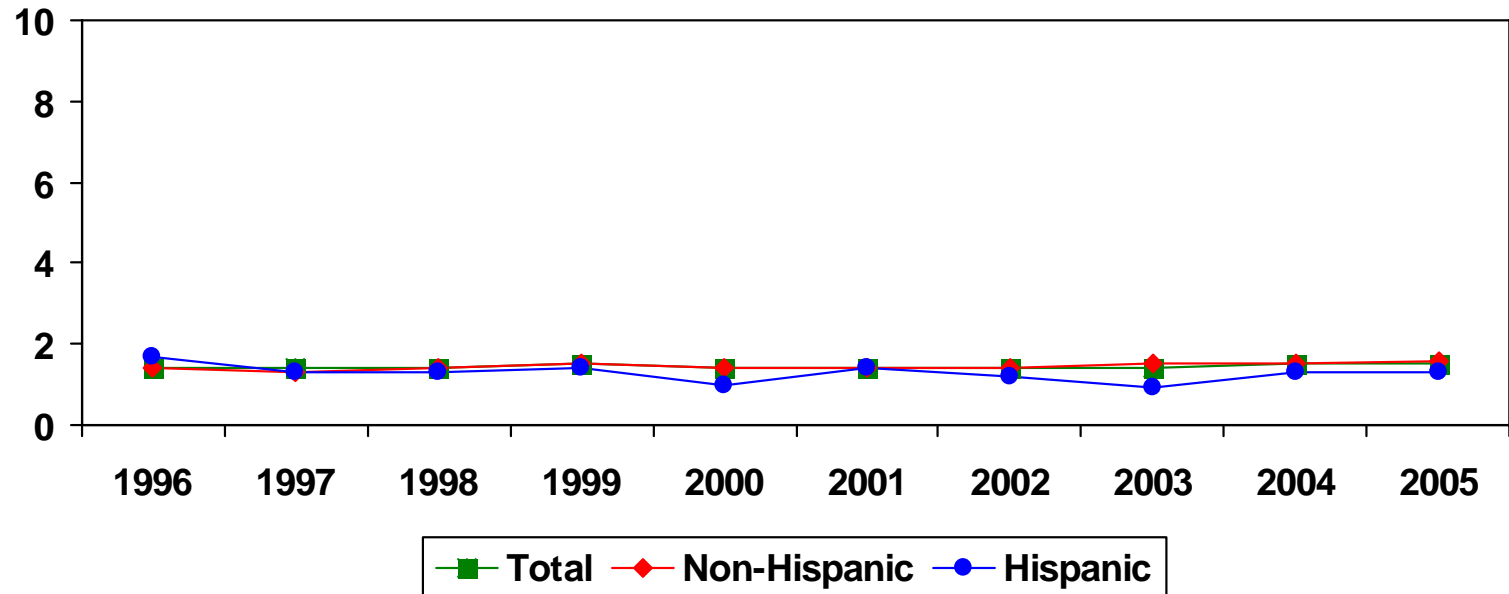
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	7.6	7.7	7.9	7.8	7.3	7.6	7.6	7.9	8.1	8.3
Non-Hispanic	7.6	7.7	8.0	7.9	7.5	7.7	7.7	8.0	8.3	8.5
Hispanic	7.1	6.9	7.0	6.5	5.3	6.5	6.3	5.9	6.3	6.6

Notes: Low birthweight is less than 2,500 grams (5 lb 8 oz).

Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Very Low Birthweight Infants by Ethnicity of Mother Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.5
Non-Hispanic	1.4	1.3	1.4	1.5	1.4	1.4	1.4	1.5	1.5	1.6
Hispanic	1.7	1.3	1.3	1.4	1.0	1.4	1.2	0.9	1.3	1.3

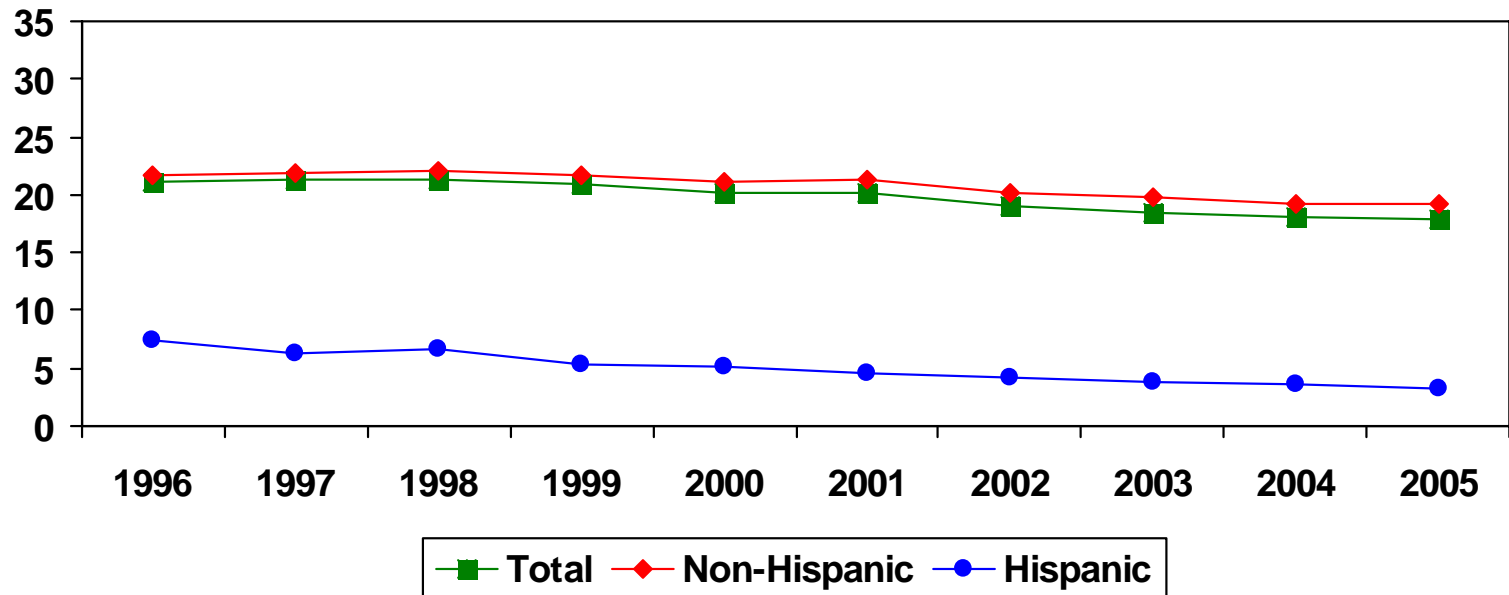
Notes: Very low birthweight is less than 1,500 grams (3 lb 5 oz).

Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Births to Mothers Who Smoked During Pregnancy by Ethnicity

Indiana Residents, 1996-2005

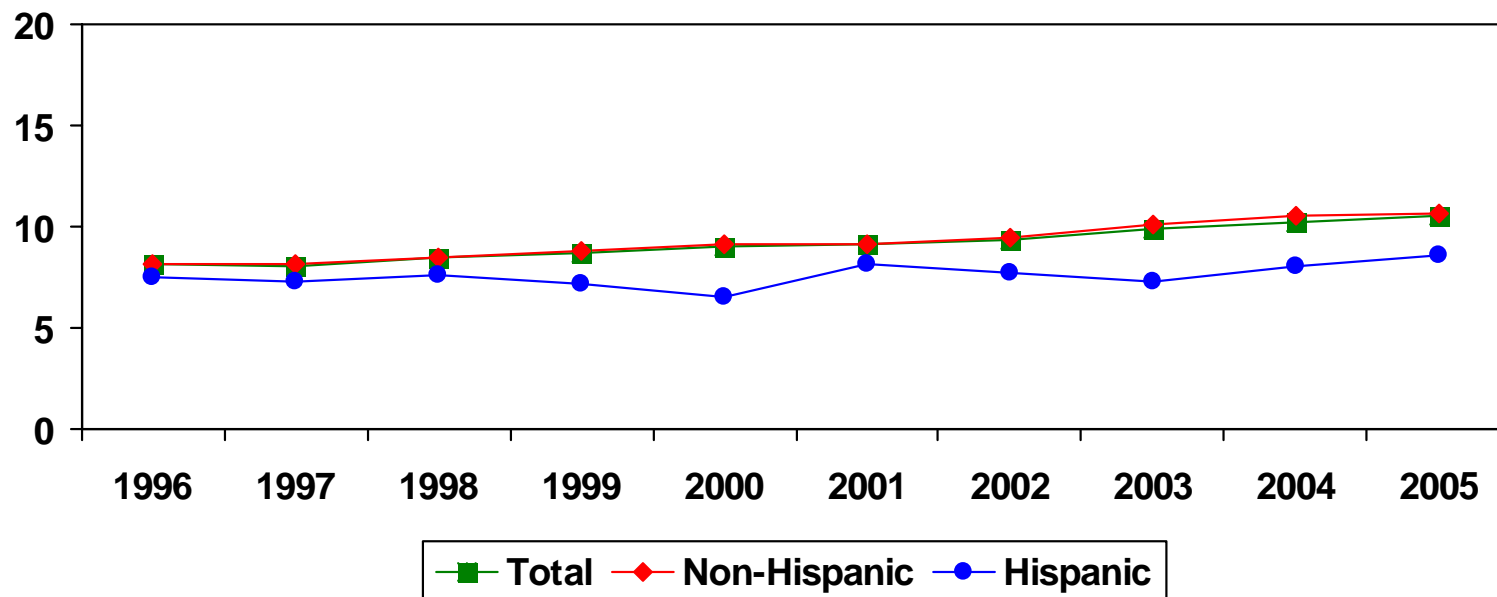


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	21.1	21.3	21.3	20.9	20.2	20.2	19.1	18.5	18.0	17.9
Non-Hispanic	21.6	21.9	22.0	21.7	21.2	21.3	20.2	19.7	19.3	19.3
Hispanic	7.5	6.3	6.6	5.3	5.1	4.5	4.2	3.8	3.6	3.3

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Percent of Preterm Births by Ethnicity of Mother Indiana Residents, 1996-2005



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	8.1	8.0	8.5	8.7	9.0	9.1	9.4	9.9	10.2	10.5
Non-Hispanic	8.1	8.1	8.5	8.8	9.1	9.1	9.5	10.1	10.5	10.7
Hispanic	7.5	7.3	7.6	7.2	6.5	8.1	7.7	7.3	8.0	8.6

Notes: Preterm birth is delivery of a liveborn infant prior to 37 weeks gestation.

Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Live Births by County of Residence
Indiana Residents, 1996-2005
Total Population

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	96-2005 Avg.
INDIANA	83,157	83,385	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088	85,634
Adams	616	546	639	537	584	581	615	641	607	641	601
Allen	4,824	5,021	5,075	5,079	5,213	5,371	5,161	5,211	5,329	5,295	5,158
Bartholomew	1,100	994	1,063	1,076	1,073	999	960	1,004	1,047	1,081	1,040
Benton	196	150	123	125	125	107	115	118	135	118	131
Blackford	180	177	190	199	146	179	154	163	151	141	168
Boone	581	582	578	614	627	624	645	699	652	694	630
Brown	118	119	145	170	146	158	145	157	115	90	136
Carroll	212	254	264	261	227	216	241	237	250	207	237
Cass	514	568	569	575	592	574	542	548	570	572	562
Clark	1,327	1,245	1,295	1,323	1,348	1,311	1,273	1,315	1,315	1,393	1,315
Clay	334	336	342	343	314	349	373	358	337	325	341
Clinton	516	451	495	497	548	521	503	510	494	510	505
Crawford	117	117	122	140	157	135	130	135	140	104	130
Daviess	441	417	412	463	476	470	475	502	483	508	465
Dearborn	557	639	647	436	673	527	532	629	641	653	593
Decatur	317	380	391	400	377	379	376	387	362	355	372
DeKalb	581	571	634	556	560	616	591	566	554	585	581
Delaware	1,388	1,419	1,482	1,423	1,434	1,371	1,300	1,339	1,310	1,305	1,377
Dubois	527	561	535	558	542	515	565	501	550	563	542
Elkhart	2,720	2,917	2,996	3,134	3,315	3,125	3,005	3,194	3,252	3,478	3,114
Fayette	357	372	342	285	340	302	309	332	304	309	325
Floyd	930	899	853	895	879	852	848	826	870	916	877
Fountain	227	231	255	240	218	238	211	217	213	195	225
Franklin	278	234	279	183	311	232	254	264	328	287	265
Fulton	251	293	264	281	272	252	234	263	245	268	262
Gibson	382	382	426	402	360	419	387	430	416	421	403
Grant	946	853	942	866	948	822	869	799	803	775	862
Greene	348	372	374	364	413	394	425	420	393	380	388
Hamilton	2,389	2,421	2,754	2,980	3,211	3,242	3,457	3,637	3,649	3,693	3,143
Hancock	690	714	725	703	722	725	741	844	824	888	758

Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Source:

Live Births by County of Residence
Indiana Residents, 1996-2005
Total Population

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	96-2005 Avg.
INDIANA	83,157	83,385	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088	85,634
Harrison	379	387	459	447	442	457	436	438	435	459	434
Hendricks	1,151	1,212	1,187	1,262	1,429	1,541	1,459	1,505	1,552	1,620	1,392
Henry	626	581	610	609	559	590	558	559	540	567	580
Howard	1,217	1,192	1,159	1,249	1,172	1,218	1,119	1,217	1,143	1,089	1,178
Huntington	501	496	506	526	519	438	488	461	499	451	489
Jackson	569	621	589	560	626	638	629	591	589	622	603
Jasper	343	362	389	427	390	353	405	431	396	465	396
Jay	309	344	331	331	310	305	282	332	287	303	313
Jefferson	430	386	384	364	367	383	332	365	382	363	376
Jennings	392	410	419	423	394	400	389	359	415	403	400
Johnson	1,415	1,448	1,597	1,641	1,673	1,649	1,622	1,705	1,765	1,676	1,619
Knox	496	440	475	473	430	453	393	474	462	471	457
Kosciusko	1,070	1,141	1,081	1,134	1,199	1,133	1,032	1,059	1,087	1,067	1,100
LaGrange	691	673	704	756	741	697	717	720	703	756	716
Lake	7,126	6,903	7,134	7,073	7,040	6,936	6,824	6,926	6,975	6,872	6,981
LaPorte	1,395	1,495	1,405	1,453	1,457	1,401	1,360	1,309	1,325	1,364	1,396
Lawrence	605	611	585	571	618	565	560	547	537	537	574
Madison	1,693	1,698	1,741	1,775	1,644	1,710	1,603	1,596	1,636	1,650	1,675
Marion	13,948	13,884	13,917	14,183	14,608	14,373	14,540	14,701	14,868	14,653	14,368
Marshall	625	703	686	680	688	720	639	701	655	679	678
Martin	171	158	145	155	142	125	145	119	114	140	141
Miami	430	460	443	431	480	479	433	451	438	480	453
Monroe	1,190	1,269	1,264	1,261	1,246	1,280	1,239	1,229	1,273	1,309	1,256
Montgomery	518	507	468	534	478	505	456	466	486	475	489
Morgan	859	899	927	985	958	847	927	873	873	851	900
Newton	178	162	153	208	172	163	156	155	141	133	162
Noble	666	708	719	725	744	717	669	678	739	682	705
Ohio	58	57	59	53	67	69	61	62	64	55	61
Orange	286	246	235	245	274	274	245	239	237	251	253
Owen	232	250	221	263	271	262	246	232	262	247	249
Parke	158	178	183	170	202	164	171	205	157	188	178

Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Source:

Live Births by County of Residence
Indiana Residents, 1996-2005
Total Population

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	96-2005 Avg.
INDIANA	83,157	83,385	85,055	85,489	87,697	86,122	84,839	86,382	87,125	87,088	85,634
Perry	193	192	207	203	238	223	201	233	217	219	213
Pike	156	150	164	168	148	157	141	135	167	159	155
Porter	1,667	1,726	1,736	1,815	1,830	1,846	1,797	1,873	1,827	1,793	1,791
Posey	309	268	283	289	287	269	269	242	292	227	274
Pulaski	162	155	185	194	174	144	159	164	172	159	167
Putnam	419	411	448	430	423	405	406	404	407	408	416
Randolph	349	350	361	355	342	337	305	321	318	298	334
Ripley	379	418	405	334	433	381	374	396	387	406	391
Rush	263	255	245	238	245	259	258	217	196	214	239
St. Joseph	3,784	3,767	3,983	3,873	3,964	3,856	3,750	3,706	3,843	3,827	3,835
Scott	347	355	290	306	348	303	318	293	288	310	316
Shelby	624	582	560	606	627	597	547	537	582	505	577
Spencer	290	288	265	237	268	259	212	232	235	233	252
Starke	281	275	306	297	315	325	305	280	288	279	295
Steuben	434	439	435	403	424	464	421	419	412	440	429
Sullivan	262	239	229	256	254	265	258	266	214	216	246
Switzerland	83	96	112	103	110	102	102	126	110	102	105
Tippecanoe	1,737	1,804	1,770	1,838	1,931	1,917	1,941	2,012	2,073	2,081	1,910
Tipton	223	179	202	177	193	188	219	200	215	177	197
Union	98	91	97	55	112	66	77	74	101	94	87
Vanderburgh	2,245	2,163	2,273	2,281	2,336	2,292	2,298	2,356	2,351	2,451	2,305
Vermillion	233	224	206	213	205	191	205	200	207	200	208
Vigo	1,409	1,358	1,406	1,300	1,384	1,275	1,283	1,297	1,309	1,280	1,330
Wabash	412	413	388	444	431	391	418	373	378	383	403
Warren	86	96	101	81	100	94	101	94	84	83	92
Warrick	640	659	618	599	691	676	616	641	703	631	647
Washington	324	337	350	324	357	363	344	350	360	328	344
Wayne	918	858	918	906	896	894	837	857	943	910	894
Wells	343	383	344	317	372	321	322	381	353	306	344
White	353	329	357	354	350	386	355	325	323	330	346
Whitley	443	409	425	418	418	425	429	427	396	411	420

Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Source:

Infant Mortality Rates, Total Population, Indiana Residents, 1996-2005

(Counties with 20 or more infant deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	PIKE	12.9	35	CLINTON	7.5
2	DELAWARE	10.4	35	ELKHART	7.5
3	DECATUR	9.9	38	MONROE	7.4
3	MADISON	9.9	38	ALLEN	7.4
3	RANDOLPH	9.9	40	KNOX	7.2
3	PERRY	9.9	41	STARKE	7.1
7	FOUNTAIN	9.8	41	KOSCIUSKO	7.1
8	GRANT	9.7	43	HOWARD	7.0
8	LAKE	9.7	43	CLAY	7.0
8	DAVIESS	9.7	43	NOBLE	7.0
8	WABASH	9.7	46	CLARK	6.9
12	MARION	9.6	47	MONTGOMERY	6.7
13	GREENE	9.5	47	DEKALB	6.7
14	WAYNE	9.3	47	BOONE	6.7
15	FULTON	9.1	47	JEFFERSON	6.7
15	POSEY	9.1	51	MORGAN	6.6
17	VIGO	8.7	52	JACKSON	6.5
17	SHELBY	8.7	53	GIBSON	6.2
19	JAY	8.3	54	WHITE	6.1
20	JENNINGS	8.2	55	PUTNAM	6.0
20	LAWRENCE	8.2	56	HAMILTON	5.9
20	ST. JOSEPH	8.2	57	HARRISON	5.8
20	VANDERBURGH	8.2	58	DUBOIS	5.7
20	ADAMS	8.2	58	WHITLEY	5.7
25	HENRY	8.1	58	JOHNSON	5.7
26	CASS	8.0	61	STEUBEN	5.6
26	FAYETTE	8.0	61	DEARBORN	5.6
28	FRANKLIN	7.9	63	HUNTINGTON	5.3
28	ORANGE	7.9	63	HENDRICKS	5.3
30	LAPORTE	7.8	65	MARSHALL	5.0
30	TIPPECANOE	7.8	66	WARRICK	4.9
32	BARTHOLOMEW	7.7	66	MIAMI	4.9
32	LAGRANGE	7.7	68	HANCOCK	4.6
34	SCOTT	7.6	69	FLOYD	4.2
35	PORTER	7.5			
				INDIANA	7.9

*Rate per 1,000 live births.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Infant Mortality Rates, White, Indiana Residents, 1996-2005

(Counties with 20 or more infant deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	PIKE	13.0	34	CLAY	7.1
2	RANDOLPH	10.0	36	KOSCIUSKO	7.0
3	FOUNTAIN	9.9	37	NOBLE	6.9
4	DAVIESS	9.8	38	DEKALB	6.8
5	DECATUR	9.7	39	MONTGOMERY	6.7
6	WABASH	9.6	40	ELKHART	6.6
7	PERRY	9.5	40	MORGAN	6.6
8	GREENE	9.4	40	LAKE	6.6
9	POSEY	9.3	40	JEFFERSON	6.6
9	FULTON	9.3	40	JACKSON	6.6
11	GRANT	8.7	45	HOWARD	6.4
12	SHELBY	8.5	46	BOONE	6.3
13	DELAWARE	8.4	46	ST. JOSEPH	6.3
13	JAY	8.4	46	CLARK	6.3
15	WAYNE	8.3	49	WHITE	6.2
16	ADAMS	8.2	50	LAPORTE	6.1
16	MADISON	8.2	51	PUTNAM	5.9
18	JENNINGS	8.1	52	HARRISON	5.8
19	HENRY	8.0	52	HAMILTON	5.8
19	FRANKLIN	8.0	52	WHITLEY	5.8
19	LAWRENCE	8.0	55	ALLEN	5.7
22	CASS	7.8	55	STEUBEN	5.7
22	TIPPECANOE	7.8	57	JOHNSON	5.6
24	VANDEBURGH	7.7	57	DUBOIS	5.6
24	SCOTT	7.7	59	DEARBORN	5.5
26	CLINTON	7.6	60	HUNTINGTON	5.4
26	VIGO	7.6	60	GIBSON	5.4
28	FAYETTE	7.5	60	HENDRICKS	5.4
28	MONROE	7.5	63	MARSHALL	5.1
30	BARTHOLOMEW	7.4	64	MIAMI	5.0
31	PORTER	7.3	65	HANCOCK	4.3
31	MARION	7.3	65	WARRICK	4.3
33	LAGRANGE	7.2	67	FLOYD	3.8
34	KNOX	7.1			
INDIANA					6.8

*Rate per 1,000 live births.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Infant Mortality Rates, Black, Indiana Residents, 1996-2005

(Counties with 20 or more infant deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	VIGO	28.5
2	MADISON	26.9
3	DELAWARE	26.0
4	LAPORTE	18.2
5	ELKHART	18.1
6	ST. JOSEPH	16.8
7	LAKE	16.3
8	ALLEN	15.9
9	MARION	15.6
10	VANDERBURGH	11.7
	INDIANA	16.3

*Rate per 1,000 live births.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Infant Mortality Rates, Non-Hispanic, Indiana Residents, 1996-2005

(Counties with 20 or more infant deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	PIKE	13.0	32	ELKHART	7.5
2	STEUBEN	11.1	35	MONROE	7.3
3	DELAWARE	10.1	35	TIPPECANOE	7.3
3	DECATUR	10.1	35	KNOX	7.3
3	LAKE	10.1	38	PORTER	7.2
6	PERRY	10.0	38	STARKE	7.2
6	FOUNTAIN	10.0	40	HOWARD	7.1
8	DAVISS	9.9	40	CLAY	7.1
9	MARION	9.8	42	CLARK	7.0
9	MADISON	9.8	42	DEKALB	7.0
11	GREENE	9.6	44	JEFFERSON	6.8
12	GRANT	9.5	44	MONTGOMERY	6.8
13	WABASH	9.3	44	LAGRANGE	6.8
14	POSEY	9.2	44	KOSCIUSKO	6.8
14	WAYNE	9.2	44	BOONE	6.8
16	RANDOLPH	9.1	49	MORGAN	6.6
17	JAY	8.8	50	JACKSON	6.5
18	VIGO	8.7	51	NOBLE	6.4
18	FAYETTE	8.7	52	GIBSON	6.3
18	FULTON	8.7	53	PUTNAM	6.1
21	CLINTON	8.5	54	HAMILTON	6.0
22	ADAMS	8.4	55	HARRISON	5.9
22	ST. JOSEPH	8.4	56	WHITLEY	5.8
24	JENNINGS	8.3	57	JOHNSON	5.6
24	LAWRENCE	8.3	58	HUNTINGTON	5.4
26	SHELBY	8.2	58	DUBOIS	5.4
27	VANDERBURGH	8.0	60	HENDRICKS	5.3
28	LAPORTE	7.9	61	MARSHALL	5.2
28	HENRY	7.9	62	DEARBORN	5.1
30	SCOTT	7.7	63	MIAMI	4.9
31	CASS	7.6	64	WARRICK	4.7
32	ALLEN	7.5	64	HANCOCK	4.7
32	BARTHOLOMEW	7.5	66	FLOYD	4.3
				INDIANA	7.9

*Rate per 1,000 live births.

Note: Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSDD, Data Analysis Team, 2008

Infant Mortality Rates, Hispanic, Indiana Residents, 1996-2005

(Counties with 20 or more infant deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	TIPPECANOE	11.9
2	LAKE	7.9
3	ELKHART	7.2
4	MARION	6.4
4	ST. JOSEPH	6.4
	INDIANA	7.5

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSDD, Data Analysis Team, 2008

Neonatal Mortality Rates, Total Population, Indiana Residents, 1996-2005

(Counties with 20 or more neonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	GREENE	7.2	23	VIGO	5.0
2	DELAWARE	6.9	23	GIBSON	5.0
3	GRANT	6.6	25	ALLEN	4.9
3	MARION	6.6	26	HAMILTON	4.8
5	DECATUR	6.4	26	PORTER	4.8
5	LAKE	6.4	26	CLINTON	4.8
7	DAVISS	6.2	29	KNOX	4.6
7	WAYNE	6.2	29	LAPORTE	4.6
7	MADISON	6.2	31	HOWARD	4.5
10	SHELBY	5.9	31	ELKHART	4.5
11	ADAMS	5.8	33	MORGAN	4.4
11	TIPPECANOE	5.8	34	NOBLE	4.3
11	LAWRENCE	5.8	35	KOSCIUSKO	4.2
14	HENRY	5.5	36	CLARK	4.1
14	ST. JOSEPH	5.5	37	DEARBORN	4.0
16	VANDEBURGH	5.3	37	HENDRICKS	4.0
16	CASS	5.3	39	WARRICK	3.7
16	LAGRANGE	5.3	39	DUBOIS	3.7
19	JENNINGS	5.2	41	JOHNSON	3.6
19	BOONE	5.2	42	JACKSON	3.5
19	MONROE	5.2	43	MARSHALL	3.2
22	BARTHOLOMEW	5.1	43	HANCOCK	3.2
				INDIANA	5.2

*Rate per 1,000 live births.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Neonatal Mortality Rates, White, Indiana Residents, 1996-2005

(Counties with 20 or more neonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	GREENE	7.0	22	KNOX	4.7
2	DECATUR	6.5	22	PORTER	4.7
3	DAVIESS	6.3	24	HAMILTON	4.6
4	GRANT	6.0	24	LAKE	4.6
5	ADAMS	5.9	26	HOWARD	4.5
6	WAYNE	5.8	26	MORGAN	4.5
7	TIPPECANOE	5.7	28	ST. JOSEPH	4.4
7	MADISON	5.7	29	NOBLE	4.3
7	DELAWARE	5.7	30	KOSCIUSKO	4.2
7	SHELBY	5.7	30	VIGO	4.2
7	LAWRENCE	5.7	32	ELKHART	4.1
12	HENRY	5.6	32	HENDRICKS	4.1
13	MONROE	5.3	34	DEARBORN	3.9
14	LAGRANGE	5.2	35	ALLEN	3.8
15	BARTHOLOMEW	5.1	36	LAPORTE	3.6
15	CASS	5.1	36	JOHNSON	3.6
15	MARION	5.1	36	CLARK	3.6
18	JENNINGS	5.0	39	JACKSON	3.5
18	VANDEBURGH	5.0	40	MARSHALL	3.3
20	BOONE	4.9	41	HANCOCK	2.8
21	CLINTON	4.8			
				INDIANA	4.5

*Rate per 1,000 live births.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Neonatal Mortality Rates, Black, Indiana Residents, 1996-2005

(Counties with 20 or more neonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DELAWARE	17.1
2	ALLEN	10.8
3	LAPORTE	10.7
4	MARION	10.6
5	LAKE	10.3
6	ST. JOSEPH	10.2
7	VANDERBURGH	7.7
	INDIANA	10.5

*Rate per 1,000 live births.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Neonatal Mortality Rates, Non-Hispanic, Indiana Residents, 1996-2005

(Counties with 20 or more neonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	GREENE	7.3	20	MONROE	5.1
2	MARION	6.7	23	GIBSON	5.0
2	DELAWARE	6.7	24	HAMILTON	4.9
4	DECATUR	6.5	24	ALLEN	4.9
4	LAKE	6.5	26	BARTHOLOMEW	4.8
6	GRANT	6.4	27	LAGRANGE	4.7
7	DAVISS	6.3	27	PORTER	4.7
8	MADISON	6.1	29	KNOX	4.6
9	ADAMS	6.0	29	HOWARD	4.6
10	WAYNE	5.9	31	LAPORTE	4.5
11	LAWRENCE	5.8	31	MORGAN	4.5
12	ST. JOSEPH	5.6	33	ELKHART	4.3
13	SHELBY	5.4	34	KOSCIUSKO	4.1
13	CLINTON	5.4	34	CLARK	4.1
15	JENNINGS	5.3	36	HENDRICKS	4.0
15	BOONE	5.3	37	NOBLE	3.9
15	VANDERBURGH	5.3	38	JACKSON	3.7
15	TIPPECANOE	5.3	39	WARRICK	3.6
19	HENRY	5.2	40	JOHNSON	3.5
20	VIGO	5.1	41	HANCOCK	3.2
20	CASS	5.1			
				INDIANA	5.2

*Rate per 1,000 live births.

Note: Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSDD, Data Analysis Team, 2008

Neonatal Mortality Rates, Hispanic, Indiana Residents, 1996-2005

(Counties with 20 or more neonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	TIPPECANOE	10.0
2	LAKE	5.7
3	ELKHART	5.2
4	MARION	4.6
	INDIANA	5.4

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Postneonatal Mortality Rates, Total Population, Indiana Residents, 1996-2005

(Counties with 20 or more postneonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	WABASH	5.0
2	DEKALB	3.8
2	MADISON	3.8
4	VIGO	3.7
5	DELAWARE	3.5
6	LAKE	3.4
7	LAPORTE	3.2
8	WAYNE	3.1
8	GRANT	3.1
10	MARION	3.0
10	ELKHART	3.0
12	KOSCIUSKO	2.9
13	VANDERBURGH	2.8
13	CLARK	2.8
15	PORTER	2.7
15	ST. JOSEPH	2.7
17	BARTHOLOMEW	2.6
18	HOWARD	2.5
18	ALLEN	2.5
20	MONROE	2.2
21	JOHNSON	2.1
22	TIPPECANOE	2.0
23	HAMILTON	1.1
	INDIANA	2.7

*Rate per 1,000 live births.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Postneonatal Mortality Rates, White, Indiana Residents, 1996-2005

(Counties with 20 or more postneonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DEKALB	3.8
2	VIGO	3.4
3	KOSCIUSKO	2.9
4	GRANT	2.7
4	VANDERBURGH	2.7
4	DELAWARE	2.7
4	CLARK	2.7
8	PORTER	2.6
9	WAYNE	2.5
9	LAPORTE	2.5
9	ELKHART	2.5
9	MADISON	2.5
13	BARTHOLOMEW	2.3
13	MONROE	2.3
15	MARION	2.2
16	TIPPECANOE	2.0
16	LAKE	2.0
16	JOHNSON	2.0
16	ALLEN	2.0
20	HOWARD	1.9
21	ST. JOSEPH	1.8
22	HAMILTON	1.2
	INDIANA	2.3

*Rate per 1,000 live births.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Postneonatal Mortality Rates, Black, Indiana Residents, 1996-2005

(Counties with 20 or more postneonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	MADISON	16.0
2	ST. JOSEPH	6.6
3	LAKE	6.0
4	ALLEN	5.1
5	MARION	5.0
	INDIANA	5.8

*Rate per 1,000 live births.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Postneonatal Mortality Rates, Non-Hispanic, Indiana Residents, 1996-2005

(Counties with 20 or more postneonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	DEKALB	4.0
2	MADISON	3.6
2	VIGO	3.6
2	LAKE	3.6
5	DELAWARE	3.5
6	LAPORTE	3.4
7	WAYNE	3.3
8	GRANT	3.1
8	ELKHART	3.1
8	MARION	3.1
11	CLARK	2.9
12	ST. JOSEPH	2.8
13	VANDERBURGH	2.7
13	BARTHOLOMEW	2.7
15	KOSCIUSKO	2.6
15	ALLEN	2.6
15	PORTER	2.6
18	HOWARD	2.5
19	MONROE	2.3
20	JOHNSON	2.2
21	TIPPECANOE	2.0
22	HAMILTON	1.1
	INDIANA	2.7

*Rate per 1,000 live births.

Note: Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSDD, Data Analysis Team, 2008

Postneonatal Mortality Rates, Hispanic,
Indiana Residents, 1996-2005

(Counties with 20 or more postneonatal deaths for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>RATE*</u>
1	LAKE	2.2
2	MARION	1.8
	INDIANA	2.1

*Rate per 1,000 live births.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSDD, Data Analysis Team, 2008

Prenatal Care Began in First Trimester, Total Population, Indiana Residents, 1996-2005

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	47.9	47	RUSH	82.6
2	ADAMS	65.3	48	FLOYD	82.7
3	ELKHART	65.6	48	MADISON	82.7
4	DAVIESS	70.0	50	JASPER	82.9
5	CLINTON	72.8	50	STARKE	82.9
6	NOBLE	74.0	50	RANDOLPH	82.9
7	LAPORTE	75.0	53	CLAY	83.0
8	JAY	75.8	54	CRAWFORD	83.2
9	GRANT	75.9	54	FAYETTE	83.2
10	PARKE	76.2	56	PERRY	83.3
11	CASS	76.3	56	VIGO	83.3
12	SCOTT	77.5	58	BROWN	83.4
13	MARION	77.7	59	UNION	83.5
14	STEUBEN	78.5	60	PUTNAM	84.1
15	ST. JOSEPH	78.6	61	MORGAN	84.3
15	KOSCIUSKO	78.6	61	KNOX	84.3
15	LAKE	78.6	63	RIPLEY	84.4
15	CLARK	78.6	63	SHELBY	84.4
19	WAYNE	78.8	63	SULLIVAN	84.4
20	SWITZERLAND	78.9	66	CARROLL	84.6
21	JENNINGS	79.0	67	FRANKLIN	84.8
22	OWEN	79.3	68	WARREN	85.0
23	WASHINGTON	79.5	68	TIPPECANOE	85.0
23	JACKSON	79.5	70	BENTON	85.3
25	DECATUR	79.7	71	TIPTON	85.9
26	HOWARD	79.8	72	VANDERBURGH	86.0
27	JEFFERSON	80.0	73	GIBSON	86.5
28	ORANGE	80.1	73	HARRISON	86.5
29	DEKALB	80.4	73	WHITLEY	86.5
30	VERMILLION	80.5	73	BLACKFORD	86.5
31	WABASH	80.6	77	PIKE	86.8
31	FULTON	80.6	78	SPENCER	86.9
31	FOUNTAIN	80.6	79	HUNTINGTON	87.2
34	MIAMI	80.7	80	DELAWARE	87.3
35	NEWTON	80.9	81	BOONE	87.4
35	MARSHALL	80.9	82	WELLS	87.6
37	GREENE	81.4	83	POSEY	87.9
38	PORTER	81.5	84	HENRY	88.3
39	MONTGOMERY	81.6	85	JOHNSON	89.0
40	WHITE	81.7	86	DUBOIS	89.2
40	MARTIN	81.7	86	OHIO	89.2
40	MONROE	81.7	88	DEARBORN	89.3
40	BARTHOLOMEW	81.7	89	HAMILTON	89.6
44	PULASKI	82.3	89	HENDRICKS	89.6
44	ALLEN	82.3	91	WARRICK	90.0
46	LAWRENCE	82.5	92	HANCOCK	90.9
				INDIANA	80.6

*The values are percentages of live births and do not include the unknowns.
Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Prenatal Care Began in First Trimester, White, Indiana Residents, 1996-2005

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	47.9	47	STARKE	83.0
2	ADAMS	65.2	48	CLAY	83.1
3	ELKHART	66.7	49	RANDOLPH	83.2
4	DAVIESS	70.2	50	BROWN	83.3
5	CLINTON	73.0	51	CRAWFORD	83.4
6	NOBLE	74.2	51	FAYETTE	83.4
7	JAY	75.8	51	PERRY	83.4
8	PARKE	76.2	54	LAKE	83.5
9	CASS	76.6	55	UNION	83.6
10	LAPORTE	77.5	56	FLOYD	83.9
10	SCOTT	77.5	57	VIGO	84.1
12	GRANT	77.7	57	PUTNAM	84.1
13	STEUBEN	78.5	59	MORGAN	84.3
14	KOSCIUSKO	78.8	60	MADISON	84.4
15	SWITZERLAND	78.9	60	KNOX	84.4
16	JENNINGS	79.1	60	SHELBY	84.4
17	OWEN	79.5	60	RIPLEY	84.4
17	JACKSON	79.5	64	CARROLL	84.6
19	WASHINGTON	79.6	64	SULLIVAN	84.6
20	DECATUR	79.7	66	WARREN	84.8
21	CLARK	79.8	66	FRANKLIN	84.8
21	WAYNE	79.8	68	ALLEN	85.1
23	JEFFERSON	80.2	69	TIPPECANOE	85.2
23	ORANGE	80.2	69	BENTON	85.2
25	DEKALB	80.5	71	TIPTON	85.9
25	FULTON	80.5	72	WHITLEY	86.5
27	FOUNTAIN	80.6	73	BLACKFORD	86.6
27	WABASH	80.6	73	HARRISON	86.6
29	VERMILLION	80.7	75	GIBSON	86.8
30	MARSHALL	80.9	75	PIKE	86.8
31	HOWARD	81.0	77	SPENCER	87.0
32	NEWTON	81.1	78	HUNTINGTON	87.2
32	MIAMI	81.1	79	BOONE	87.5
34	MARION	81.2	80	WELLS	87.6
35	GREENE	81.5	81	VANDEBURGH	87.8
36	PORTER	81.6	82	POSEY	88.1
37	MARTIN	81.8	83	HENRY	88.4
37	BARTHOLOMEW	81.8	84	DELAWARE	88.6
37	ST. JOSEPH	81.8	85	JOHNSON	89.0
40	MONTGOMERY	81.9	86	DUBOIS	89.3
41	WHITE	82.1	86	OHIO	89.3
42	PULASKI	82.3	88	DEARBORN	89.5
43	MONROE	82.4	89	HAMILTON	89.7
44	RUSH	82.6	89	HENDRICKS	89.7
45	LAWRENCE	82.7	91	WARRICK	90.0
46	JASPER	82.9	92	HANCOCK	91.0
				INDIANA	82.2

*The values are percentages of live births and do not include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Prenatal Care Began in First Trimester, Black, Indiana Residents, 1996-2005

(Counties with 20 or more mothers who received prenatal care
in the first trimester for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	ELKHART	49.0
2	CASS	54.3
3	LAPORTE	59.1
4	KOSCIUSKO	59.4
5	MIAMI	60.0
6	GRANT	61.1
7	ST. JOSEPH	62.7
8	WAYNE	63.4
9	HOWARD	64.4
10	CLARK	65.4
11	ALLEN	66.0
12	FLOYD	66.6
13	BARTHOLOMEW	67.2
14	MONTGOMERY	67.3
15	MADISON	68.1
16	LAKE	68.3
17	MARION	68.5
18	GIBSON	69.1
19	MONROE	69.4
20	VIGO	72.1
21	JEFFERSON	72.5
22	DEARBORN	73.3
23	PORTER	73.4
24	VANDEBURGH	73.5
25	POSEY	75.0
26	TIPPECANOE	75.4
27	KNOX	75.6
27	DELAWARE	75.6
29	SHELBY	78.0
30	FAYETTE	78.3
31	JOHNSON	78.8
32	BOONE	80.8
33	HENDRICKS	81.4
34	HAMILTON	82.6
35	PUTNAM	83.9
36	WARRICK	84.9
37	HENRY	86.8
38	HANCOCK	89.1
	INDIANA	67.5

*The values are percentages of live births and do not include the unknowns.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Prenatal Care Began in First Trimester, Non-Hispanic, Indiana Residents, 1996-2005

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	LAGRANGE	46.8	47	CLAY	83.0
2	ADAMS	65.2	48	STARKE	83.1
3	ELKHART	69.0	49	FAYETTE	83.2
4	DAVISS	70.7	49	FLOYD	83.2
5	LAPORTE	75.4	51	CRAWFORD	83.3
6	JAY	75.6	52	BROWN	83.5
7	PARKE	76.2	52	VIGO	83.5
8	GRANT	76.6	52	MADISON	83.5
9	SCOTT	77.5	52	PERRY	83.5
9	NOBLE	77.5	56	RANDOLPH	83.6
11	SWITZERLAND	78.3	57	UNION	83.7
12	OWEN	79.3	58	PUTNAM	84.1
12	JENNINGS	79.3	59	JASPER	84.2
12	LAKE	79.3	60	MORGAN	84.4
15	ST. JOSEPH	79.4	61	KNOX	84.5
15	CLARK	79.4	61	FRANKLIN	84.5
17	WAYNE	79.5	63	SULLIVAN	84.6
17	MARION	79.5	63	RIPLEY	84.6
19	WASHINGTON	79.7	65	WHITE	84.8
20	DECATUR	79.8	66	WARREN	84.9
21	CLINTON	80.0	67	SHELBY	85.4
22	HOWARD	80.1	68	BENTON	85.9
23	KOSCIUSKO	80.2	69	VANDERBURGH	86.1
24	CASS	80.3	70	CARROLL	86.2
24	ORANGE	80.3	71	TIPTON	86.4
26	JEFFERSON	80.4	72	GIBSON	86.5
27	VERMILLION	80.6	73	BLACKFORD	86.6
28	WABASH	80.7	73	WHITLEY	86.6
29	MIAMI	80.8	75	HARRISON	86.7
29	DEKALB	80.8	76	PIKE	86.8
29	FULTON	80.8	76	TIPPECANOE	86.8
32	FOUNTAIN	80.9	78	HUNTINGTON	87.4
32	JACKSON	80.9	78	DELAWARE	87.4
34	GREENE	81.5	80	BOONE	87.7
35	MARSHALL	81.7	81	SPENCER	87.8
36	MARTIN	81.8	82	POSEY	87.9
37	PORTER	81.9	83	WELLS	88.2
37	MONROE	81.9	84	DEARBORN	88.3
39	NEWTON	82.1	85	HENRY	88.5
40	PULASKI	82.2	86	JOHNSON	89.5
41	STEUBEN	82.3	87	OHIO	89.6
42	LAWRENCE	82.6	88	HENDRICKS	89.9
42	MONTGOMERY	82.6	89	WARRICK	90.0
44	RUSH	82.8	90	HAMILTON	90.2
44	ALLEN	82.8	91	DUBOIS	90.6
46	BARTHOLOMEW	82.9	92	HANCOCK	91.1
				INDIANA	81.7

*The values are percentages of live births and do not include the unknowns.

Note: Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Prenatal Care Began in First Trimester, Hispanic, Indiana Residents, 1996-2005

(Counties with 20 or more mothers who received prenatal care
in the first trimester for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT*</u>
1	CLINTON	40.9	36	DEKALB	68.5
2	JENNINGS	48.9	37	FOUNTAIN	69.4
3	STEUBEN	49.0	38	TIPPECANOE	69.9
4	ELKHART	50.2	38	ST. JOSEPH	69.9
5	WAYNE	52.4	40	STARKE	70.0
5	RIPLEY	52.4	41	HARRISON	70.8
7	JACKSON	54.0	41	DUBOIS	70.8
7	NOBLE	54.0	43	VIGO	70.9
9	MONTGOMERY	55.0	44	SCOTT	71.4
10	FLOYD	55.2	45	BOONE	71.6
10	SPENCER	55.2	45	WABASH	71.6
12	CASS	55.5	47	FULTON	71.8
13	MADISON	55.6	48	MONROE	72.3
14	JEFFERSON	55.9	49	BENTON	74.0
15	CLARK	56.1	49	LAWRENCE	74.0
16	WHITE	56.4	49	PORTER	74.0
17	CARROLL	56.5	52	WHITLEY	74.1
18	JASPER	56.8	53	HENDRICKS	74.5
19	DAVISS	56.9	54	LAKE	74.6
20	MARION	57.6	55	HANCOCK	74.7
20	RANDOLPH	57.6	56	ADAMS	74.8
22	SHELBY	57.8	57	MARSHALL	74.9
23	NEWTON	57.9	58	ALLEN	75.4
24	BARTHOLOMEW	58.4	59	JAY	76.6
25	TIPTON	59.0	60	GREENE	76.7
26	GRANT	60.6	61	HENRY	77.2
27	LAGRANGE	61.2	62	MIAMI	77.3
28	HAMILTON	61.8	63	MORGAN	78.6
29	KOSCIUSKO	63.3	63	VANDERBURGH	78.6
30	HOWARD	64.2	65	DELAWARE	79.0
31	WELLS	64.4	66	PUTNAM	79.3
32	LAPORTE	65.7	67	DEARBORN	82.1
33	KNOX	65.9	67	PULASKI	82.1
34	JOHNSON	66.4	69	GIBSON	85.3
35	HUNTINGTON	67.3	70	WARRICK	88.5
				INDIANA	64.3

*The values are percentages of live births and do not include the unknowns.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSDD, Data Analysis Team, 2008

Low Birthweight*, Total Population, Indiana Residents, 1996-2005

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PIKE	9.4	40	SWITZERLAND	7.4
2	SULLIVAN	9.2	40	FRANKLIN	7.4
3	MARION	9.1	49	HENRY	7.3
4	LAKE	9.0	49	CASS	7.3
5	MARTIN	8.8	49	CLINTON	7.3
6	DELAWARE	8.7	52	HUNTINGTON	7.2
6	GRANT	8.7	52	JENNINGS	7.2
8	MADISON	8.6	52	WARRICK	7.2
9	CRAWFORD	8.5	55	DEARBORN	7.1
9	FAYETTE	8.5	55	DAVIESS	7.1
9	ALLEN	8.5	55	JEFFERSON	7.1
12	SCOTT	8.4	55	HARRISON	7.1
12	PARKE	8.4	59	BARTHOLOMEW	7.0
14	MORGAN	8.3	59	STARKE	7.0
15	JACKSON	8.2	59	CLAY	7.0
15	VANDERBURGH	8.2	59	RIPLEY	7.0
17	KNOX	8.1	59	WHITLEY	7.0
17	BLACKFORD	8.1	59	MONROE	7.0
17	GREENE	8.1	65	POSEY	6.9
20	WAYNE	8.0	66	ELKHART	6.8
20	LAPORTE	8.0	67	JOHNSON	6.7
20	RANDOLPH	8.0	67	WASHINGTON	6.7
23	FOUNTAIN	7.9	67	MARSHALL	6.7
23	SHELBY	7.9	70	BOONE	6.6
25	VERMILLION	7.8	70	FULTON	6.6
25	PERRY	7.8	70	MIAMI	6.6
25	GIBSON	7.8	70	KOSCIUSKO	6.6
28	VIGO	7.7	70	OWEN	6.6
28	STEUBEN	7.7	70	WELLS	6.6
28	ST. JOSEPH	7.7	76	BROWN	6.5
28	CLARK	7.7	76	HAMILTON	6.5
28	SPENCER	7.7	76	HANCOCK	6.5
28	RUSH	7.7	79	PORTER	6.4
34	HOWARD	7.6	79	TIPPECANOE	6.4
34	FLOYD	7.6	81	WHITE	6.3
36	MONTGOMERY	7.5	82	DUBOIS	6.2
36	TIPTON	7.5	82	NEWTON	6.2
36	PUTNAM	7.5	84	JASPER	6.1
36	JAY	7.5	85	HENDRICKS	6.0
40	OHIO	7.4	86	DEKALB	5.9
40	PULASKI	7.4	86	WARREN	5.9
40	WABASH	7.4	88	BENTON	5.8
40	DECATUR	7.4	88	ADAMS	5.8
40	NOBLE	7.4	90	CARROLL	5.7
40	ORANGE	7.4	91	LAGRANGE	5.3
40	LAWRENCE	7.4	92	UNION	4.6
				INDIANA	7.8

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Low Birthweight*, White, Indiana Residents, 1996-2005

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PIKE	9.3	47	CLARK	7.2
2	SULLIVAN	8.9	47	FLOYD	7.2
3	MARTIN	8.7	47	HUNTINGTON	7.2
4	CRAWFORD	8.6	47	JENNINGS	7.2
5	FAYETTE	8.5	51	WARRICK	7.1
6	SCOTT	8.4	51	DEARBORN	7.1
6	PARKE	8.4	51	DAVISS	7.1
6	MORGAN	8.4	51	CLAY	7.1
9	JACKSON	8.2	55	LAPORTE	7.0
9	GRANT	8.2	55	LAKE	7.0
11	GREENE	8.1	55	WHITLEY	7.0
11	MADISON	8.1	55	HARRISON	7.0
13	RANDOLPH	8.0	59	STARKE	6.9
13	DELAWARE	8.0	59	RIPLEY	6.9
13	KNOX	8.0	59	BARTHOLOMEW	6.9
16	BLACKFORD	7.9	59	JEFFERSON	6.9
16	FOUNTAIN	7.9	63	POSEY	6.8
16	SHELBY	7.9	63	MONROE	6.8
16	WAYNE	7.9	65	WASHINGTON	6.7
20	VERMILLION	7.8	65	MIAMI	6.7
20	PERRY	7.8	65	MARSHALL	6.7
22	GIBSON	7.7	68	JOHNSON	6.6
22	STEUBEN	7.7	68	BOONE	6.6
22	SPENCER	7.7	68	KOSCIUSKO	6.6
25	RUSH	7.6	68	WELLS	6.6
25	VANDEBURGH	7.6	72	ST. JOSEPH	6.5
25	MARION	7.6	72	OWEN	6.5
25	MONTGOMERY	7.6	72	BROWN	6.5
29	TIPTON	7.5	72	FULTON	6.5
29	VIGO	7.5	76	HAMILTON	6.4
29	OHIO	7.5	76	ELKHART	6.4
32	JAY	7.4	76	HANCOCK	6.4
32	ALLEN	7.4	79	TIPPECANOE	6.3
32	PULASKI	7.4	79	WHITE	6.3
32	DECATUR	7.4	79	PORTER	6.3
32	PUTNAM	7.4	82	DUBOIS	6.2
32	ORANGE	7.4	82	NEWTON	6.2
32	NOBLE	7.4	84	JASPER	6.1
32	FRANKLIN	7.4	85	HENDRICKS	6.0
32	LAWRENCE	7.4	86	DEKALB	5.9
41	WABASH	7.3	87	WARREN	5.8
41	CASS	7.3	88	BENTON	5.7
41	CLINTON	7.3	88	ADAMS	5.7
41	SWITZERLAND	7.3	88	CARROLL	5.7
41	HOWARD	7.3	91	LAGRANGE	5.3
41	HENRY	7.3	92	UNION	4.3
				INDIANA	7.1

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Low Birthweight*, Black, Indiana Residents, 1996-2005
 (Counties with 20 or more infants with low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	DELAWARE	15.5
2	LAPORTE	14.3
3	ALLEN	14.2
4	MADISON	14.0
5	FLOYD	13.9
6	GRANT	13.8
7	ST. JOSEPH	13.4
8	MARION	13.3
9	LAKE	13.2
10	HOWARD	12.7
11	ELKHART	12.6
12	CLARK	12.5
12	MONROE	12.5
14	VIGO	12.3
15	PORTER	12.2
16	VANDEBURGH	12.1
17	WAYNE	11.5
18	TIPPECANOE	9.7
19	HAMILTON	5.9
	INDIANA	13.3

*Birthweight less than 2,500 grams.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Low Birthweight*, Non-Hispanic, Indiana Residents, 1996-2005

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	STEBEN	9.9	44	DEARBORN	7.4
2	MARION	9.4	48	TIPTON	7.3
2	PIKE	9.4	48	HENRY	7.3
2	LAKE	9.4	48	JENNINGS	7.3
5	SULLIVAN	9.2	51	HUNTINGTON	7.2
6	MARTIN	8.8	51	DAVIESS	7.2
6	DELAWARE	8.8	53	SWITZERLAND	7.1
8	FAYETTE	8.7	53	JEFFERSON	7.1
8	GRANT	8.7	53	ELKHART	7.1
8	MADISON	8.7	53	STARKE	7.1
11	ALLEN	8.6	53	OHIO	7.1
12	SCOTT	8.4	53	WARRICK	7.1
12	PARKE	8.4	59	BARTHOLOMEW	7.0
14	CRAWFORD	8.3	59	WHITLEY	7.0
14	MORGAN	8.3	59	HARRISON	7.0
16	JACKSON	8.2	59	CLAY	7.0
16	VANDERBURGH	8.2	63	MONROE	6.9
18	GREENE	8.1	63	FRANKLIN	6.9
18	KNOX	8.1	63	POSEY	6.9
18	LAPORTE	8.1	66	MARSHALL	6.8
18	WAYNE	8.1	66	WHITE	6.8
18	RANDOLPH	8.1	66	JOHNSON	6.8
23	FOUNTAIN	8.0	69	RIPLEY	6.7
23	BLACKFORD	8.0	69	WASHINGTON	6.7
25	SHELBY	7.9	69	BOONE	6.7
25	PERRY	7.9	69	FULTON	6.7
27	ST. JOSEPH	7.8	69	MIAMI	6.7
27	NOBLE	7.8	74	KOSCIUSKO	6.6
27	VERMILLION	7.8	74	OWEN	6.6
27	GIBSON	7.8	76	HAMILTON	6.5
27	CLINTON	7.8	76	HANCOCK	6.5
27	CLARK	7.8	76	WELLS	6.5
33	VIGO	7.7	79	PORTER	6.4
33	SPENCER	7.7	79	BROWN	6.4
33	HOWARD	7.7	79	TIPPECANOE	6.4
33	FLOYD	7.7	82	DUBOIS	6.2
37	JAY	7.6	83	JASPER	6.1
37	MONTGOMERY	7.6	84	NEWTON	6.0
37	RUSH	7.6	84	DEKALB	6.0
37	CASS	7.6	84	WARREN	6.0
41	PUTNAM	7.5	84	HENDRICKS	6.0
41	PULASKI	7.5	88	CARROLL	5.8
41	WABASH	7.5	89	ADAMS	5.7
44	LAWRENCE	7.4	89	BENTON	5.7
44	DECATUR	7.4	91	LAGRANGE	5.3
44	ORANGE	7.4	92	UNION	5.2
				INDIANA	7.9

*Birthweight less than 2,500 grams.

Note: Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Low Birthweight*, Hispanic, Indiana Residents, 1996-2005

(Counties with 20 or more infants with low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	GRANT	8.8
2	VANDERBURGH	8.3
3	BARTHOLOMEW	7.7
4	JACKSON	7.6
5	LAKE	7.1
5	MONROE	7.1
7	MADISON	7.0
8	ALLEN	6.9
9	KOSCIUSKO	6.6
10	ST. JOSEPH	6.5
11	HAMILTON	6.3
12	PORTER	6.2
13	CLARK	6.1
13	CASS	6.1
13	TIPPECANOE	6.1
16	LAPORTE	6.0
17	DUBOIS	5.9
17	MARION	5.9
19	ELKHART	5.8
20	MARSHALL	5.6
21	JOHNSON	5.3
22	CLINTON	5.1
23	NOBLE	5.0
	INDIANA	6.4

*Birthweight less than 2,500 grams.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Very Low Birthweight*, Total Population, Indiana Residents, 1996-2005

(Counties with 20 or more infants with very low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	PERRY	1.9	36	HOWARD	1.3
1	SULLIVAN	1.9	36	MARSHALL	1.3
3	LAKE	1.8	36	GIBSON	1.3
3	PARKE	1.8	36	GREENE	1.3
5	MARION	1.7	36	BOONE	1.3
5	PIKE	1.7	36	ELKHART	1.3
7	WAYNE	1.6	36	WABASH	1.3
7	PULASKI	1.6	36	NOBLE	1.3
7	VIGO	1.6	36	BARTHOLOMEW	1.3
7	ST. JOSEPH	1.6	36	FULTON	1.3
7	LAPORTE	1.6	36	FLOYD	1.3
12	SHELBY	1.5	54	FOUNTAIN	1.2
12	JAY	1.5	54	MONROE	1.2
12	ALLEN	1.5	54	FAYETTE	1.2
12	VANDEBURGH	1.5	54	DEARBORN	1.2
12	FRANKLIN	1.5	54	HUNTINGTON	1.2
12	MORGAN	1.5	54	DAVIESS	1.2
12	DELAWARE	1.5	54	PUTNAM	1.2
12	CLAY	1.5	61	HAMILTON	1.1
12	CLARK	1.5	61	POSEY	1.1
12	MARTIN	1.5	61	PORTER	1.1
12	JACKSON	1.5	61	VERMILLION	1.1
12	MADISON	1.5	61	DUBOIS	1.1
12	RANDOLPH	1.5	61	JOHNSON	1.1
25	CLINTON	1.4	67	WASHINGTON	1.0
25	STARKE	1.4	67	WHITLEY	1.0
25	RUSH	1.4	67	KOSCIUSKO	1.0
25	CASS	1.4	67	HANCOCK	1.0
25	GRANT	1.4	67	HARRISON	1.0
25	TIPPECANOE	1.4	67	JASPER	1.0
25	ORANGE	1.4	67	WELLS	1.0
25	LAWRENCE	1.4	67	MIAMI	1.0
25	HENRY	1.4	67	ADAMS	1.0
25	SCOTT	1.4	67	MONTGOMERY	1.0
25	WARRICK	1.4	77	CARROLL	0.9
36	KNOX	1.3	77	HENDRICKS	0.9
36	WHITE	1.3	77	JEFFERSON	0.9
36	STEBEN	1.3	77	DEKALB	0.9
36	JENNINGS	1.3	81	OWEN	0.8
36	TIPTON	1.3	81	RIPLEY	0.8
36	DECATUR	1.3	81	LAGRANGE	0.8
36	SPENCER	1.3			
				INDIANA	1.4

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Very Low Birthweight*, White, Indiana Residents, 1996-2005

(Counties with 20 or more infants with very low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	SULLIVAN	1.9	27	MARION	1.3
1	PERRY	1.9	27	BARTHOLOMEW	1.3
3	PARKE	1.8	27	FOUNTAIN	1.3
4	PIKE	1.7	27	ALLEN	1.3
5	PULASKI	1.6	27	GIBSON	1.3
5	WAYNE	1.6	47	LAPORTE	1.2
7	JAY	1.5	47	BOONE	1.2
7	FRANKLIN	1.5	47	SPENCER	1.2
7	MORGAN	1.5	47	HOWARD	1.2
7	CLAY	1.5	47	DEARBORN	1.2
7	MARTIN	1.5	47	DELAWARE	1.2
7	RANDOLPH	1.5	47	DAVIESS	1.2
7	SHELBY	1.5	47	LAKE	1.2
7	VIGO	1.5	47	MONROE	1.2
7	JACKSON	1.5	47	FLOYD	1.2
16	RUSH	1.4	47	HUNTINGTON	1.2
16	VANDEBURGH	1.4	47	FAYETTE	1.2
16	CLINTON	1.4	47	ELKHART	1.2
16	LAWRENCE	1.4	47	PUTNAM	1.2
16	ORANGE	1.4	47	POSEY	1.2
16	CASS	1.4	47	HAMILTON	1.2
16	CLARK	1.4	63	VERMILLION	1.1
16	SCOTT	1.4	63	PORTER	1.1
16	TIPPECANOE	1.4	63	DUBOIS	1.1
16	HENRY	1.4	63	WHITLEY	1.1
16	MADISON	1.4	67	JOHNSON	1.0
27	KNOX	1.3	67	KOSCIUSKO	1.0
27	JENNINGS	1.3	67	MIAMI	1.0
27	TIPTON	1.3	67	JASPER	1.0
27	STEBEN	1.3	67	HANCOCK	1.0
27	WHITE	1.3	67	WELLS	1.0
27	WARRICK	1.3	67	WASHINGTON	1.0
27	DECATUR	1.3	67	HARRISON	1.0
27	STARKE	1.3	67	MONTGOMERY	1.0
27	ST. JOSEPH	1.3	76	CARROLL	0.9
27	MARSHALL	1.3	76	ADAMS	0.9
27	WABASH	1.3	76	HENDRICKS	0.9
27	GRANT	1.3	76	RIPLEY	0.9
27	FULTON	1.3	80	JEFFERSON	0.8
27	GREENE	1.3	80	DEKALB	0.8
27	NOBLE	1.3	80	LAGRANGE	0.8
				INDIANA	1.2

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Very Low Birthweight*, Black, Indiana Residents, 1996-2005 (Counties with 20 or more infants with very low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	DELAWARE	3.9
2	LAPORTE	3.6
3	VIGO	3.4
4	ALLEN	3.2
5	LAKE	3.1
6	ST. JOSEPH	3.0
6	MARION	3.0
8	CLARK	2.7
8	MADISON	2.7
8	GRANT	2.7
11	ELKHART	2.6
12	HOWARD	2.4
13	VANDEBURGH	2.2
	INDIANA	3.0

*Birthweight less than 1,500 grams.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Very Low Birthweight*, Non-Hispanic, Indiana Residents, 1996-2005

(Counties with 20 or more infants with very low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>	<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	STEBEN	2.5	35	HOWARD	1.3
2	LAKE	1.9	35	ELKHART	1.3
2	SULLIVAN	1.9	35	WABASH	1.3
2	PERRY	1.9	35	GREENE	1.3
5	PARKE	1.8	35	FOUNTAIN	1.3
5	MARION	1.8	35	BOONE	1.3
7	PIKE	1.7	35	FAYETTE	1.3
7	WAYNE	1.7	35	FLOYD	1.3
7	PULASKI	1.7	51	TIPTON	1.2
10	CLINTON	1.6	51	MONROE	1.2
10	JAY	1.6	51	HUNTINGTON	1.2
10	ST. JOSEPH	1.6	51	DECATUR	1.2
10	VIGO	1.6	51	NOBLE	1.2
10	LAPORTE	1.6	51	DAVIESS	1.2
15	SHELBY	1.5	51	PUTNAM	1.2
15	CLARK	1.5	51	BARTHOLOMEW	1.2
15	ALLEN	1.5	51	FULTON	1.2
15	RANDOLPH	1.5	51	HAMILTON	1.2
15	VANDEBURGH	1.5	61	POSEY	1.1
15	MORGAN	1.5	61	VERMILLION	1.1
15	CLAY	1.5	61	PORTER	1.1
15	DELAWARE	1.5	61	KOSCIUSKO	1.1
15	MARTIN	1.5	61	WHITLEY	1.1
15	MADISON	1.5	61	JOHNSON	1.1
25	STARKE	1.4	61	DUBOIS	1.1
25	JACKSON	1.4	68	DEARBORN	1.0
25	WHITE	1.4	68	HANCOCK	1.0
25	CASS	1.4	68	JASPER	1.0
25	GRANT	1.4	68	HARRISON	1.0
25	RUSH	1.4	68	WASHINGTON	1.0
25	LAWRENCE	1.4	68	WELLS	1.0
25	SCOTT	1.4	68	MIAMI	1.0
25	TIPPECANOE	1.4	68	MONTGOMERY	1.0
25	ORANGE	1.4	76	ADAMS	0.9
35	WARRICK	1.3	76	CARROLL	0.9
35	JENNINGS	1.3	76	HENDRICKS	0.9
35	MARSHALL	1.3	76	JEFFERSON	0.9
35	HENRY	1.3	76	OWEN	0.9
35	KNOX	1.3	81	DEKALB	0.8
35	SPENCER	1.3	81	RIPLEY	0.8
35	GIBSON	1.3	81	LAGRANGE	0.8
35	FRANKLIN	1.3			
				INDIANA	1.4

*Birthweight less than 1,500 grams.

Note: Non-Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSD, Data Analysis Team, 2008

Very Low Birthweight*, Hispanic, Indiana Residents, 1996-2005

(Counties with 20 or more infants with very low birthweight for the 10 combined years)

<u>RANK</u>	<u>COUNTY</u>	<u>PERCENT</u>
1	TIPPECANOE	1.8
2	ALLEN	1.5
3	LAKE	1.3
3	ST. JOSEPH	1.3
5	ELKHART	1.2
6	MARION	1.1
	INDIANA	1.2

*Birthweight less than 1,500 grams.

Note: Hispanic ethnicity can be of any race.

Source: Indiana State Department of Health, PHSDD, Data Analysis Team, 2008

Glossary of Terms

Age-Specific Birth Rate - The number of live births for a specific age group for every 1,000 women in that age group.

Birthweight - The amount a liveborn infant weighs at birth.

County of Occurrence - The Indiana county where someone gave birth or died. The person may or may not be an Indiana resident.

County of Residence - For birth data, the county of residence is the mother's Indiana county of residence at the time she gave birth, regardless of where she gave birth. For death data, the county of residence is where the person lived when he or she died, regardless of where the death occurred.

Ethnicity - Births are based on the reported ethnicity of the mother. Infant deaths are based on the reported ethnicity of the infant. In Indiana, "Hispanic" is classified as an individual's ethnicity, not his or her race; all Hispanics are classified as either "white Hispanic", "black Hispanic", or "other Hispanic". Please see [Preface](#) for OMB standards regarding ethnicity.

Fetal Mortality - A death prior to a completed delivery of a fetus of 20 or more weeks gestation. The fetal death rate is calculated by taking fetal deaths divided by (fetal deaths plus live births) multiplied by 1,000.

First Trimester - The first three months of pregnancy.

Infant Mortality - The death of an infant less than one year old. The infant mortality rate is calculated by taking infant deaths divided by live births multiplied by 1,000.

Kotelchuck Index - The Kotelchuck Index is an Adequacy of Prenatal Care Utilization (APNCU) Index which attempts to characterize prenatal care (PNC) utilization on two independent and distinctive dimensions - namely adequacy of initiation of PNC and adequacy of received services (once PNC has begun). It utilizes month of initial PNC visit, number of visits, and gestational age in its calculations.

Live Birth - A live birth is any infant who breathes or shows any other evidence of life (such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles) after separation from the mother's uterus, regardless of the duration of gestation.

Low Birthweight (LBW) - Birthweight less than 2,500 grams (5 lb. 8 oz.).

Neonatal Mortality - The death of an infant less than 28 days old. The rate is calculated by taking the number of neonatal deaths divided by live births multiplied by 1,000.

Occurrent Live Birth - The live birth of an infant occurring in Indiana regardless of the mother's state of residence. The mother may or may not be an Indiana resident.

Perinatal Mortality - Perinatal deaths are fetal deaths plus neonatal deaths. The rate is calculated by taking (fetal deaths + neonatal deaths) divided by (fetal deaths + live births) multiplied by 1,000.

Preterm Births – Delivery of a liveborn infant prior to 37 weeks gestation. The Data Analysis Team (Public Health System Development and Data Commission) at the Indiana State Department of Health uses the clinical estimate of gestation that is on the birth certificate. We do not calculate gestation based on last normal menses and date of birth, as the National Center for Health Statistics (NCHS) and some other states do. Therefore, our data may be slightly different than the national data.

Postneonatal Mortality - The death of an infant 28 days to 364 days old. The rate is calculated by taking the number of postneonatal deaths divided by live births multiplied by 1,000.

Race - Births are based on the reported race of the mother. Infant deaths are based on the reported race of the infant. In this report, race is categorized as "white", "black", and "total". "Total" represents all races combined, which includes "white", "black", and "other". "Other" means all other races besides white and black, including unknown. In Indiana, "Hispanic" is classified as an individual's ethnicity, not his or her race. Please see definition of [Ethnicity](#). Please see [Preface](#) for OMB standards regarding race.

Ratio of Black to White Infant Mortality Rate – Black infant mortality rate divided by white infant mortality rate. The ratio is unstable if the numerator or denominator is less than 20. The ratio can be calculated with neonatal and postneonatal mortality rates, also.

Resident Live Birth - The live birth of an infant whose mother's usual residence is in Indiana, regardless of where the birth occurred (inside Indiana or elsewhere).

Smoked during Pregnancy - This information is self-reported by the mother.

Stable Rate - A rate containing a minimum of 20 occurrences or events (e.g., births or deaths) per unit being examined (e.g., county or state).

Unstable Rate - When the numerator is less than 20, the rate is unstable. A small change in the numerator can lead to a large change in the rate from one year to the next. Some of the rates shown in this report are based on a small number of live births or deaths by age or race. The unstable rates are shown in this report, but we do not recommend comparing unstable rates. Unstable rates do not lend themselves to being used to make decisions.

Very Low Birthweight (VLBW) - Birthweight less than 1,500 grams (3 lb. 5 oz.).